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## NAME

perluniprops - Index of Unicode Version 6.0.0 properties in Perl

## DESCRIPTION

There are many properties in Unicode, and Perl provides access to almost all of them, as well as some additional extensions and short-cut synonyms.

And just about all of the few that aren't accessible through the Perl core are accessible through the modules: `Unicode::Normalize` and `Unicode::UCD`, and for Unihan properties, via the CPAN module `Unicode::Unihan`.

This document merely lists all available properties and does not attempt to explain what each property really means. There is a brief description of each Perl extension. There is some detail about Blocks, Scripts, General\_Category, and Bidi\_Class in *perlunicode*, but to find out about the intricacies of the Unicode properties, refer to the Unicode standard. A good starting place is <http://www.unicode.org/reports/tr44/>. More information on the Perl extensions is in *"Other Properties"* in *perlunicode*.

Note that you can define your own properties; see *"User-Defined Character Properties"* in *perlunicode*.

## Properties accessible through \p{} and \P{}

The Perl regular expression `\p{}` and `\P{}` constructs give access to most of the Unicode character properties. The table below shows all these constructs, both single and compound forms.

**Compound forms** consist of two components, separated by an equals sign or a colon. The first component is the property name, and the second component is the particular value of the property to match against, for example, `\p{Script: Greek}` and `\p{Script=Greek}` both mean to match characters whose Script property is Greek.

**Single forms**, like `\p{Greek}`, are mostly Perl-defined shortcuts for their equivalent compound forms. The table shows these equivalences. (In our example, `\p{Greek}` is a just a shortcut for `\p{Script=Greek}`.) There are also a few Perl-defined single forms that are not shortcuts for a compound form. One such is `\p{Word}`. These are also listed in the table.

In parsing these constructs, Perl always ignores Upper/lower case differences everywhere within the `{braces}`. Thus `\p{Greek}` means the same thing as `\p{greek}`. But note that changing the case of the 'p' or 'P' before the left brace completely changes the meaning of the construct, from "match" (for `\p{}`) to "doesn't match" (for `\P{}`). Casing in this document is for improved legibility.

Also, white space, hyphens, and underscores are also normally ignored everywhere between the `{braces}`, and hence can be freely added or removed even if the `/x` modifier hasn't been specified on the regular expression. But a 'T' at the beginning of an entry in the table below means that tighter (stricter) rules are used for that entry:

Single form (`\p{name}`) tighter rules:

White space, hyphens, and underscores ARE significant except for:

- \* white space adjacent to a non-word character
- \* underscores separating digits in numbers

That means, for example, that you can freely add or remove white space adjacent to (but within) the braces without affecting the meaning.

Compound form (`\p{name=value}` or `\p{name:value}`) tighter rules:

The tighter rules given above for the single form apply to everything to the right of the colon or equals; the looser rules still apply to everything to the left.

That means, for example, that you can freely add or remove white space adjacent to (but within) the braces and the colon or equal sign.

Some properties are considered obsolete by Unicode, but still available. There are several varieties of obsolescence:

#### Obsolete

Properties marked with an 'O' in the table are considered obsolete.

#### Stabilized

Obsolete properties may be stabilized. Such a determination does not indicate that the property should or should not be used; instead it is a declaration that the property will not be maintained nor extended for newly encoded characters. Such properties are marked with an 'S' in the table.

#### Deprecated

An obsolete property may be deprecated, perhaps because its original intent has been replaced by another property, or because its specification was somehow defective. This means that its use is strongly discouraged, so much so that a warning will be issued if used, unless the regular expression is in the scope of a `no warnings 'deprecated'` statement. A 'D' flags each such entry in the table, and the entry there for the longest, most descriptive version of the property will give the reason it is deprecated, and perhaps advice. Perl may issue such a warning, even for properties that aren't officially deprecated by Unicode, when there used to be characters or code points that were matched by them, but no longer. This is to warn you that your program may not work like it did on earlier Unicode releases.

A deprecated property may be made unavailable in a future Perl version, so it is best to move away from them.

Some Perl extensions are present for backwards compatibility and are discouraged from being used, but not obsolete. An 'X' flags each such entry in the table.

Matches in the Block property have shortcuts that begin with 'In\_'. For example, `\p{Block=Latin1}` can be written as `\p{In_Latin1}`. For backward compatibility, if there is no conflict with another shortcut, these may also be written as `\p{Latin1}` or `\p{Is_Latin1}`. But, N.B., there are numerous such conflicting shortcuts. Use of these forms for Block is discouraged, and are flagged as such, not only because of the potential confusion as to what is meant, but also because a later release of Unicode may preempt the shortcut, and your program would no longer be correct. Use the 'In\_' form instead to avoid this, or even more clearly, use the compound form, e.g., `\p{blk:latin1}`. See *"Blocks" in perlunicode* for more information about this.

The table below has two columns. The left column contains the `\p{}` constructs to look up, possibly preceded by the flags mentioned above; and the right column contains information about them, like a description, or synonyms. It shows both the single and compound forms for each property that has them. If the left column is a short name for a property, the right column will give its longer, more descriptive name; and if the left column is the longest name, the right column will show any equivalent shortest name, in both single and compound forms if applicable.

The right column will also caution you if a property means something different than what might normally be expected.

All single forms are Perl extensions; a few compound forms are as well, and are noted as such.

Numbers in (parentheses) indicate the total number of code points matched by the property. For emphasis, those properties that match no code points at all are listed as well in a separate section following the table.

Most properties match the same code points regardless of whether `/i` case-insensitive matching is specified or not. But a few properties are affected. These are shown with the notation

```
(/i= other_property)
```

in the second column. Under case-insensitive matching they match the same code points as the property `other_property`.

There is no description given for most non-Perl defined properties (See <http://www.unicode.org/reports/tr44/> for that).

For compactness, `*` is used as a wildcard instead of showing all possible combinations. For example, entries like:

```
\p{Gc: *} \p{General_Category: *}
```

mean that `Gc` is a synonym for `General_Category`, and anything that is valid for the latter is also valid for the former. Similarly,

```
\p{Is_*} \p{*}
```

means that if and only if, for example, `\p{Foo}` exists, then `\p{Is_Foo}` and `\p{IsFoo}` are also valid and all mean the same thing. And similarly, `\p{Foo=Bar}` means the same as `\p{Is_Foo=Bar}` and `\p{IsFoo=Bar}`. `*` here is restricted to something not beginning with an underscore.

Also, in binary properties, `'Yes'`, `'T'`, and `'True'` are all synonyms for `'Y'`. And `'No'`, `'F'`, and `'False'` are all synonyms for `'N'`. The table shows `'Y*'` and `'N*'` to indicate this, and doesn't have separate entries for the other possibilities. Note that not all properties which have values `'Yes'` and `'No'` are binary, and they have all their values spelled out without using this wild card, and a `NOT` clause in their description that highlights their not being binary. These also require the compound form to match them, whereas true binary properties have both single and compound forms available.

Note that all non-essential underscores are removed in the display of the short names below.

### Summary legend:

`*` is a wild-card

**(ld+)** in the info column gives the number of code points matched by this property.

**D** means this is deprecated.

**O** means this is obsolete.

**S** means this is stabilized.

**T** means tighter (stricter) name matching applies.

**X** means use of this form is discouraged.

NAME	INFO
X \p{Aegean_Numbers}	\p{Block=Aegean_Numbers} (64)
T \p{Age: 1.1}	Code point's usage introduced in version 1.1 (33_979)
T \p{Age: 2.0}	Code point's usage was introduced in version 2.0; See also Property 'Present_In' (144_521)
T \p{Age: 2.1}	Code point's usage was introduced in version 2.1; See also Property 'Present_In' (2)
T \p{Age: 3.0}	Code point's usage was introduced in

	version 3.0; See also Property 'Present_In' (10_307)
T \p{Age: 3.1}	Code point's usage was introduced in version 3.1; See also Property 'Present_In' (44_978)
T \p{Age: 3.2}	Code point's usage was introduced in version 3.2; See also Property 'Present_In' (1016)
T \p{Age: 4.0}	Code point's usage was introduced in version 4.0; See also Property 'Present_In' (1226)
T \p{Age: 4.1}	Code point's usage was introduced in version 4.1; See also Property 'Present_In' (1273)
T \p{Age: 5.0}	Code point's usage was introduced in version 5.0; See also Property 'Present_In' (1369)
T \p{Age: 5.1}	Code point's usage was introduced in version 5.1; See also Property 'Present_In' (1624)
T \p{Age: 5.2}	Code point's usage was introduced in version 5.2; See also Property 'Present_In' (6648)
T \p{Age: 6.0}	Code point's usage was introduced in version 6.0; See also Property 'Present_In' (2088)
\p{Age: Unassigned}	Code point's usage has not been assigned in any Unicode release thus far. (865_081)
\p{AHex}	\p{ASCII_Hex_Digit} (= \p{ASCII_Hex_Digit= Y}) (22)
\p{AHex: *}	\p{ASCII_Hex_Digit: *}
X \p{Alchemical_Symbols}	\p{Block=Alchemical_Symbols} (128)
\p{All}	\p{Any} (1_114_112)
\p{Alnum}	Alphabetic and (Decimal) Numeric (101_959)
\p{Alpha}	\p{Alphabetic=Y} (101_539)
\p{Alpha: *}	\p{Alphabetic: *}
\p{Alphabetic}	\p{Alpha} (= \p{Alphabetic=Y}) (101_539)
\p{Alphabetic: N*}	(Short: \p{Alpha=N}, \p{Alpha}) (1_012_573)
\p{Alphabetic: Y*}	(Short: \p{Alpha=Y}, \p{Alpha}) (101_539)
X \p{Alphabetic_Presentation_Forms}	\p{Block= Alphabetic_Presentation_Forms} (80)
X \p{Ancient_Greek_Musical_Notation}	\p{Block= Ancient_Greek_Musical_Notation} (80)
X \p{Ancient_Greek_Numbers}	\p{Block=Ancient_Greek_Numbers} (80)
X \p{Ancient_Symbols}	\p{Block=Ancient_Symbols} (64)
\p{Any}	[\x{0000}-\x{10FFFF}] (1_114_112)
\p{Arab}	\p{Arabic} (= \p{Script=Arabic}) (NOT \p{Block=Arabic}) (1051)
\p{Arabic}	\p{Script=Arabic} (Short: \p{Arab}; NOT \p{Block=Arabic}) (1051)
X \p{Arabic_Presentation_Forms_A}	\p{Block= Arabic_Presentation_Forms_A} (688)
X \p{Arabic_Presentation_Forms_B}	\p{Block= Arabic_Presentation_Forms_B} (144)
X \p{Arabic_Supplement}	\p{Block=Arabic_Supplement} (48)

<code>\p{Armenian}</code>	<code>\p{Script=Armenian}</code> (Short: <code>\p{Armn}</code> ; NOT <code>\p{Block=Armenian}</code> ) (90)
<code>\p{Armi}</code>	<code>\p{Imperial_Aramaic}</code> (= <code>\p{Script=Imperial_Aramaic}</code> ) (NOT <code>\p{Block=Imperial_Aramaic}</code> ) (31)
<code>\p{Armn}</code>	<code>\p{Armenian}</code> (= <code>\p{Script=Armenian}</code> ) (NOT <code>\p{Block=Armenian}</code> ) (90)
X <code>\p{Arrows}</code>	<code>\p{Block=Arrows}</code> (112)
<code>\p{ASCII}</code>	<code>\p{Block=Basic_Latin}</code> <code>[[:ASCII:]]</code> (128)
<code>\p{ASCII_Hex_Digit}</code>	<code>\p{ASCII_Hex_Digit=Y}</code> (Short: <code>\p{AHex}</code> ) (22)
<code>\p{ASCII_Hex_Digit: N*}</code>	(Short: <code>\p{AHex=N}</code> , <code>\p{AHex}</code> ) (1_114_090)
<code>\p{ASCII_Hex_Digit: Y*}</code>	(Short: <code>\p{AHex=Y}</code> , <code>\p{AHex}</code> ) (22)
<code>\p{Assigned}</code>	All assigned code points (248_965)
<code>\p{Avestan}</code>	<code>\p{Script=Avestan}</code> (Short: <code>\p{Avst}</code> ; NOT <code>\p{Block=Avestan}</code> ) (61)
<code>\p{Avst}</code>	<code>\p{Avestan}</code> (= <code>\p{Script=Avestan}</code> ) (NOT <code>\p{Block=Avestan}</code> ) (61)
<code>\p{Bali}</code>	<code>\p{Balinese}</code> (= <code>\p{Script=Balinese}</code> ) (NOT <code>\p{Block=Balinese}</code> ) (121)
<code>\p{Balinese}</code>	<code>\p{Script=Balinese}</code> (Short: <code>\p{Bali}</code> ; NOT <code>\p{Block=Balinese}</code> ) (121)
<code>\p{Bamu}</code>	<code>\p{Bamum}</code> (= <code>\p{Script=Bamum}</code> ) (NOT <code>\p{Block=Bamum}</code> ) (657)
<code>\p{Bamum}</code>	<code>\p{Script=Bamum}</code> (Short: <code>\p{Bamu}</code> ; NOT <code>\p{Block=Bamum}</code> ) (657)
X <code>\p{Bamum_Supplement}</code>	<code>\p{Block=Bamum_Supplement}</code> (576)
X <code>\p{Basic_Latin}</code>	<code>\p{ASCII}</code> (= <code>\p{Block=Basic_Latin}</code> ) (128)
<code>\p{Batak}</code>	<code>\p{Script=Batak}</code> (Short: <code>\p{Batk}</code> ; NOT <code>\p{Block=Batak}</code> ) (56)
<code>\p{Batk}</code>	<code>\p{Batak}</code> (= <code>\p{Script=Batak}</code> ) (NOT <code>\p{Block=Batak}</code> ) (56)
<code>\p{Bc: *}</code>	<code>\p{Bidi_Class: *}</code>
<code>\p{Beng}</code>	<code>\p{Bengali}</code> (= <code>\p{Script=Bengali}</code> ) (NOT <code>\p{Block=Bengali}</code> ) (92)
<code>\p{Bengali}</code>	<code>\p{Script=Bengali}</code> (Short: <code>\p{Beng}</code> ; NOT <code>\p{Block=Bengali}</code> ) (92)
<code>\p{Bidi_C}</code>	<code>\p{Bidi_Control}</code> (= <code>\p{Bidi_Control=Y}</code> ) (7)
<code>\p{Bidi_C: *}</code>	<code>\p{Bidi_Control: *}</code>
<code>\p{Bidi_Class: AL}</code>	<code>\p{Bidi_Class=Arabic_Letter}</code> (1116)
<code>\p{Bidi_Class: AN}</code>	<code>\p{Bidi_Class=Arabic_Number}</code> (48)
<code>\p{Bidi_Class: Arabic_Letter}</code>	(Short: <code>\p{Bc=AL}</code> ) (1116)
<code>\p{Bidi_Class: Arabic_Number}</code>	(Short: <code>\p{Bc=AN}</code> ) (48)
<code>\p{Bidi_Class: B}</code>	<code>\p{Bidi_Class=Paragraph_Separator}</code> (7)
<code>\p{Bidi_Class: BN}</code>	<code>\p{Bidi_Class=Boundary_Neutral}</code> (4015)
<code>\p{Bidi_Class: Boundary_Neutral}</code>	(Short: <code>\p{Bc=BN}</code> ) (4015)
<code>\p{Bidi_Class: Common_Separator}</code>	(Short: <code>\p{Bc=CS}</code> ) (15)
<code>\p{Bidi_Class: CS}</code>	<code>\p{Bidi_Class=Common_Separator}</code> (15)
<code>\p{Bidi_Class: EN}</code>	<code>\p{Bidi_Class=European_Number}</code> (131)
<code>\p{Bidi_Class: ES}</code>	<code>\p{Bidi_Class=European_Separator}</code> (12)
<code>\p{Bidi_Class: ET}</code>	<code>\p{Bidi_Class=European_Terminator}</code> (64)
<code>\p{Bidi_Class: European_Number}</code>	(Short: <code>\p{Bc=EN}</code> ) (131)
<code>\p{Bidi_Class: European_Separator}</code>	(Short: <code>\p{Bc=ES}</code> ) (12)
<code>\p{Bidi_Class: European_Terminator}</code>	(Short: <code>\p{Bc=ET}</code> ) (64)
<code>\p{Bidi_Class: L}</code>	<code>\p{Bidi_Class=Left_To_Right}</code> (1_098_619)
<code>\p{Bidi_Class: Left_To_Right}</code>	(Short: <code>\p{Bc=L}</code> ) (1_098_619)

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\p{Bidi_Class: Left_To_Right_Embedding} (Short: \p{Bc=LRE}) (1)
\p{Bidi_Class: Left_To_Right_Override} (Short: \p{Bc=LRO}) (1)
\p{Bidi_Class: LRE} \p{Bidi_Class=Left_To_Right_Embedding} (1)
\p{Bidi_Class: LRO} \p{Bidi_Class=Left_To_Right_Override} (1)
\p{Bidi_Class: Nonspacing_Mark} (Short: \p{Bc=NSM}) (1209)
\p{Bidi_Class: NSM} \p{Bidi_Class=Nonspacing_Mark} (1209)
\p{Bidi_Class: ON} \p{Bidi_Class=Other_Neutral} (4412)
\p{Bidi_Class: Other_Neutral} (Short: \p{Bc=ON}) (4412)
\p{Bidi_Class: Paragraph_Separator} (Short: \p{Bc=B}) (7)
\p{Bidi_Class: PDF} \p{Bidi_Class=Pop_Directional_Format} (1)
\p{Bidi_Class: Pop_Directional_Format} (Short: \p{Bc=PDF}) (1)
\p{Bidi_Class: R} \p{Bidi_Class=Right_To_Left} (4438)
\p{Bidi_Class: Right_To_Left} (Short: \p{Bc=R}) (4438)
\p{Bidi_Class: Right_To_Left_Embedding} (Short: \p{Bc=RLE}) (1)
\p{Bidi_Class: Right_To_Left_Override} (Short: \p{Bc=RLO}) (1)
\p{Bidi_Class: RLE} \p{Bidi_Class=Right_To_Left_Embedding} (1)
\p{Bidi_Class: RLO} \p{Bidi_Class=Right_To_Left_Override} (1)
\p{Bidi_Class: S} \p{Bidi_Class=Segment_Separator} (3)
\p{Bidi_Class: Segment_Separator} (Short: \p{Bc=S}) (3)
\p{Bidi_Class: White_Space} (Short: \p{Bc=WS}) (18)
\p{Bidi_Class: WS} \p{Bidi_Class=White_Space} (18)
\p{Bidi_Control} \p{Bidi_Control=Y} (Short: \p{BidiC}) (7)
\p{Bidi_Control: N*} (Short: \p{BidiC=N}, \p{BidiC}) (1_114_105)
\p{Bidi_Control: Y*} (Short: \p{BidiC=Y}, \p{BidiC}) (7)
\p{Bidi_M} \p{Bidi_Mirrored} (= \p{Bidi_Mirrored=Y})
(543)
\p{Bidi_M: *} \p{Bidi_Mirrored: *}
\p{Bidi_Mirrored} \p{Bidi_Mirrored=Y} (Short: \p{BidiM})
(543)
\p{Bidi_Mirrored: N*} (Short: \p{BidiM=N}, \p{BidiM}) (1_113_569)
\p{Bidi_Mirrored: Y*} (Short: \p{BidiM=Y}, \p{BidiM}) (543)
\p{Blank} \h, Horizontal white space (19)
\p{Blk: *} \p{Block: *}
\p{Block: Aegean_Numbers} (Single: \p{InAegeanNumbers}) (64)
\p{Block: Alchemical_Symbols} (Single: \p{InAlchemicalSymbols})
(128)
\p{Block: Alphabetic_Presentation_Forms} (Single:
\p{InAlphabeticPresentationForms}) (80)
\p{Block: Ancient_Greek_Musical_Notation} (Single:
\p{InAncientGreekMusicalNotation}) (80)
\p{Block: Ancient_Greek_Numbers} (Single:
\p{InAncientGreekNumbers}) (80)
\p{Block: Ancient_Symbols} (Single: \p{InAncientSymbols}) (64)
\p{Block: Arabic} (Single: \p{InArabic}; NOT \p{Arabic} NOR
\p{Is_Arabic}) (256)
\p{Block: Arabic_Presentation_Forms_A} (Single:
\p{InArabicPresentationFormsA}) (688)
\p{Block: Arabic_Presentation_Forms_B} (Single:
\p{InArabicPresentationFormsB}) (144)
\p{Block: Arabic_Supplement} (Single: \p{InArabicSupplement}) (48)
\p{Block: Armenian} (Single: \p{InArmenian}; NOT \p{Armenian}
NOR \p{Is_Armenian}) (96)
\p{Block: Arrows} (Single: \p{InArrows}) (112)
\p{Block: ASCII} \p{Block=Basic_Latin} (128)
\p{Block: Avestan} (Single: \p{InAvestan}; NOT \p{Avestan}
NOR \p{Is_Avestan}) (64)

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\p{Block: Balinese}      (Single: \p{InBalinese}; NOT \p{Balinese}
                          NOR \p{Is_Balinese}) (128)
\p{Block: Bamum}         (Single: \p{InBamum}; NOT \p{Bamum} NOR
                          \p{Is_Bamum}) (96)
\p{Block: Bamum_Supplement} (Single: \p{InBamumSupplement}) (576)
\p{Block: Basic_Latin}   (Short: \p{Blk=ASCII}, \p{ASCII}) (128)
\p{Block: Batak}        (Single: \p{InBatak}; NOT \p{Batak} NOR
                          \p{Is_Batak}) (64)
\p{Block: Bengali}       (Single: \p{InBengali}; NOT \p{Bengali}
                          NOR \p{Is_Bengali}) (128)
\p{Block: Block_Elements} (Single: \p{InBlockElements}) (32)
\p{Block: Bopomofo}      (Single: \p{InBopomofo}; NOT \p{Bopomofo}
                          NOR \p{Is_Bopomofo}) (48)
\p{Block: Bopomofo_Extended} (Single: \p{InBopomofoExtended}) (32)
\p{Block: Box_Drawing}   (Single: \p{InBoxDrawing}) (128)
\p{Block: Brahmi}        (Single: \p{InBrahmi}; NOT \p{Brahmi} NOR
                          \p{Is_Brahmi}) (128)
\p{Block: Braille_Patterns} (Single: \p{InBraillePatterns}) (256)
\p{Block: Buginese}      (Single: \p{InBuginese}; NOT \p{Buginese}
                          NOR \p{Is_Buginese}) (32)
\p{Block: Buhid}         (Single: \p{InBuhid}; NOT \p{Buhid} NOR
                          \p{Is_Buhid}) (32)
\p{Block: Byzantine_Musical_Symbols} (Single:
                          \p{InByzantineMusicalSymbols}) (256)
\p{Block: Canadian_Syllabics} \p{Block=
                          Unified_Canadian_Aboriginal_Syllabics}
                          (640)
\p{Block: Carian}        (Single: \p{InCarian}; NOT \p{Carian} NOR
                          \p{Is_Carian}) (64)
\p{Block: Cham}          (Single: \p{InCham}; NOT \p{Cham} NOR
                          \p{Is_Cham}) (96)
\p{Block: Cherokee}      (Single: \p{InCherokee}; NOT \p{Cherokee}
                          NOR \p{Is_Cherokee}) (96)
\p{Block: CJK_Compatibility} (Single: \p{InCJKCompatibility}) (256)
\p{Block: CJK_Compatibility_Forms} (Single:
                          \p{InCJKCompatibilityForms}) (32)
\p{Block: CJK_Compatibility_Ideographs} (Single:
                          \p{InCJKCompatibilityIdeographs}) (512)
\p{Block: CJK_Compatibility_Ideographs_Supplement} (Single:
                          \p{InCJKCompatibilityIdeographs-
                          Supplement}) (544)
\p{Block: CJK_Radicals_Supplement} (Single:
                          \p{InCJKRadicalsSupplement}) (128)
\p{Block: CJK_Strokes}   (Single: \p{InCJKStrokes}) (48)
\p{Block: CJK_Symbols_And_Punctuation} (Single:
                          \p{InCJKSymbolsAndPunctuation}) (64)
\p{Block: CJK_Unified_Ideographs} (Single:
                          \p{InCJKUnifiedIdeographs}) (20_992)
\p{Block: CJK_Unified_Ideographs_Extension_A} (Single:
                          \p{InCJKUnifiedIdeographsExtensionA})
                          (6592)
\p{Block: CJK_Unified_Ideographs_Extension_B} (Single:
                          \p{InCJKUnifiedIdeographsExtensionB})
                          (42_720)
\p{Block: CJK_Unified_Ideographs_Extension_C} (Single:
                          \p{InCJKUnifiedIdeographsExtensionC})

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(4160)
\p{Block: CJK_Unified_Ideographs_Extension_D} (Single:
    \p{InCJKUnifiedIdeographsExtensionD})
(224)
\p{Block: Combining_Diacritical_Marks} (Single:
    \p{InCombiningDiacriticalMarks}) (112)
\p{Block: Combining_Diacritical_Marks_For_Symbols} (Short: \p{Blk=
    CombiningMarksForSymbols},
    \p{InCombiningMarksForSymbols}) (48)
\p{Block: Combining_Diacritical_Marks_Supplement} (Single:
    \p{InCombiningDiacriticalMarks-
    Supplement}) (64)
\p{Block: Combining_Half_Marks} (Single: \p{InCombiningHalfMarks})
(16)
\p{Block: Combining_Marks_For_Symbols} \p{Block=
    Combining_Diacritical_Marks_For_Symbols}
(48)
\p{Block: Common_Indic_Number_Forms} (Single:
    \p{InCommonIndicNumberForms}) (16)
\p{Block: Control_Pictures} (Single: \p{InControlPictures}) (64)
\p{Block: Coptic} (Single: \p{InCoptic}; NOT \p{Coptic} NOR
    \p{Is_Coptic}) (128)
\p{Block: Counting_Rod_Numerals} (Single:
    \p{InCountingRodNumerals}) (32)
\p{Block: Cuneiform} (Single: \p{InCuneiform}; NOT
    \p{Cuneiform} NOR \p{Is_Cuneiform})
(1024)
\p{Block: Cuneiform_Numbers_And_Punctuation} (Single:
    \p{InCuneiformNumbersAndPunctuation})
(128)
\p{Block: Currency_Symbols} (Single: \p{InCurrencySymbols}) (48)
\p{Block: Cypriot_Syllabary} (Single: \p{InCypriotSyllabary}) (64)
\p{Block: Cyrillic} (Single: \p{InCyrillic}; NOT \p{Cyrillic}
    NOR \p{Is_Cyrillic}) (256)
\p{Block: Cyrillic_Extended_A} (Single: \p{InCyrillicExtendedA})
(32)
\p{Block: Cyrillic_Extended_B} (Single: \p{InCyrillicExtendedB})
(96)
\p{Block: Cyrillic_Supplement} (Single: \p{InCyrillicSupplement})
(48)
\p{Block: Cyrillic_Supplementary} \p{Block=Cyrillic_Supplement}
(48)
\p{Block: Deseret} (Single: \p{InDeseret}) (80)
\p{Block: Devanagari} (Single: \p{InDevanagari}; NOT
    \p{Devanagari} NOR \p{Is_Devanagari})
(128)
\p{Block: Devanagari_Extended} (Single: \p{InDevanagariExtended})
(32)
\p{Block: Dingbats} (Single: \p{InDingbats}) (192)
\p{Block: Domino_Tiles} (Single: \p{InDominoTiles}) (112)
\p{Block: Egyptian_Hieroglyphs} (Single:
    \p{InEgyptianHieroglyphs}; NOT
    \p{Egyptian_Hieroglyphs} NOR
    \p{Is_Egyptian_Hieroglyphs}) (1072)
\p{Block: Emoticons} (Single: \p{InEmoticons}) (80)
\p{Block: Enclosed_Alphanumeric_Supplement} (Single:

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        \p{InEnclosedAlphanumericSupplement}
        (256)
\p{Block: Enclosed_Alphanumerics} (Single:
        \p{InEnclosedAlphanumerics}) (160)
\p{Block: Enclosed_CJK_Letters_And_Months} (Single:
        \p{InEnclosedCJKLettersAndMonths}) (256)
\p{Block: Enclosed_Ideographic_Supplement} (Single:
        \p{InEnclosedIdeographicSupplement})
        (256)
\p{Block: Ethiopic} (Single: \p{InEthiopic}; NOT \p{Ethiopic}
        NOR \p{Is_Ethiopic}) (384)
\p{Block: Ethiopic_Extended} (Single: \p{InEthiopicExtended}) (96)
\p{Block: Ethiopic_Extended_A} (Single: \p{InEthiopicExtendedA})
        (48)
\p{Block: Ethiopic_Supplement} (Single: \p{InEthiopicSupplement})
        (32)
\p{Block: General_Punctuation} (Single: \p{InGeneralPunctuation})
        (112)
\p{Block: Geometric_Shapes} (Single: \p{InGeometricShapes}) (96)
\p{Block: Georgian} (Single: \p{InGeorgian}; NOT \p{Georgian}
        NOR \p{Is_Georgian}) (96)
\p{Block: Georgian_Supplement} (Single: \p{InGeorgianSupplement})
        (48)
\p{Block: Glagolitic} (Single: \p{InGlagolitic}; NOT
        \p{Glagolitic} NOR \p{Is_Glagolitic})
        (96)
\p{Block: Gothic} (Single: \p{InGothic}; NOT \p{Gothic} NOR
        \p{Is_Gothic}) (32)
\p{Block: Greek} \p{Block=Greek_And_Coptic} (NOT \p{Greek}
        NOR \p{Is_Greek}) (144)
\p{Block: Greek_And_Coptic} (Short: \p{Blk=Greek}, \p{InGreek};
        NOT \p{Greek} NOR \p{Is_Greek}) (144)
\p{Block: Greek_Extended} (Single: \p{InGreekExtended}) (256)
\p{Block: Gujarati} (Single: \p{InGujarati}; NOT \p{Gujarati}
        NOR \p{Is_Gujarati}) (128)
\p{Block: Gurmukhi} (Single: \p{InGurmukhi}; NOT \p{Gurmukhi}
        NOR \p{Is_Gurmukhi}) (128)
\p{Block: Halfwidth_And_Fullwidth_Forms} (Single:
        \p{InHalfwidthAndFullwidthForms}) (240)
\p{Block: Hangul_Compatibility_Jamo} (Single:
        \p{InHangulCompatibilityJamo}) (96)
\p{Block: Hangul_Jamo} (Single: \p{InHangulJamo}) (256)
\p{Block: Hangul_Jamo_Extended_A} (Single:
        \p{InHangulJamoExtendedA}) (32)
\p{Block: Hangul_Jamo_Extended_B} (Single:
        \p{InHangulJamoExtendedB}) (80)
\p{Block: Hangul_Syllables} (Single: \p{InHangulSyllables})
        (11_184)
\p{Block: Hanunoo} (Single: \p{InHanunoo}; NOT \p{Hanunoo}
        NOR \p{Is_Hanunoo}) (32)
\p{Block: Hebrew} (Single: \p{InHebrew}; NOT \p{Hebrew} NOR
        \p{Is_Hebrew}) (112)
\p{Block: High_Private_Use_Surrogates} (Single:
        \p{InHighPrivateUseSurrogates}) (128)
\p{Block: High_Surrogates} (Single: \p{InHighSurrogates}) (896)
\p{Block: Hiragana} (Single: \p{InHiragana}; NOT \p{Hiragana}

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        NOR \p{Is_Hiragana}) (96)
\p{Block: Ideographic_Description_Characters} (Single:
        \p{InIdeographicDescriptionCharacters})
        (16)
\p{Block: Imperial_Aramaic} (Single: \p{InImperialAramaic}; NOT
        \p{Imperial_Aramaic} NOR
        \p{Is_Imperial_Aramaic}) (32)
\p{Block: Inscriptional_Pahlavi} (Single:
        \p{InInscriptionalPahlavi}; NOT
        \p{Inscriptional_Pahlavi} NOR
        \p{Is_Inscriptional_Pahlavi}) (32)
\p{Block: Inscriptional_Parthian} (Single:
        \p{InInscriptionalParthian}; NOT
        \p{Inscriptional_Parthian} NOR
        \p{Is_Inscriptional_Parthian}) (32)
\p{Block: IPA_Extensions} (Single: \p{InIPAExtensions}) (96)
\p{Block: Javanese} (Single: \p{InJavanese}; NOT \p{Javanese}
        NOR \p{Is_Javanese}) (96)
\p{Block: Kaithi} (Single: \p{InKaithi}; NOT \p{Kaithi} NOR
        \p{Is_Kaithi}) (80)
\p{Block: Kana_Supplement} (Single: \p{InKanaSupplement}) (256)
\p{Block: Kanbun} (Single: \p{InKanbun}) (16)
\p{Block: Kangxi_Radicals} (Single: \p{InKangxiRadicals}) (224)
\p{Block: Kannada} (Single: \p{InKannada}; NOT \p{Kannada}
        NOR \p{Is_Kannada}) (128)
\p{Block: Katakana} (Single: \p{InKatakana}; NOT \p{Katakana}
        NOR \p{Is_Katakana}) (96)
\p{Block: Katakana_Phonetic_Extensions} (Single:
        \p{InKatakanaPhoneticExtensions}) (16)
\p{Block: Kayah_Li} (Single: \p{InKayahLi}) (48)
\p{Block: Kharoshthi} (Single: \p{InKharoshthi}; NOT
        \p{Kharoshthi} NOR \p{Is_Kharoshthi})
        (96)
\p{Block: Khmer} (Single: \p{InKhmer}; NOT \p{Khmer} NOR
        \p{Is_Khmer}) (128)
\p{Block: Khmer_Symbols} (Single: \p{InKhmerSymbols}) (32)
\p{Block: Lao} (Single: \p{InLao}; NOT \p{Lao} NOR
        \p{Is_Lao}) (128)
\p{Block: Latin_1} \p{Block=Latin_1_Supplement} (128)
\p{Block: Latin_1_Supplement} (Short: \p{Blk=Latin1},
        \p{InLatin1}) (128)
\p{Block: Latin_Extended_A} (Single: \p{InLatinExtendedA}) (128)
\p{Block: Latin_Extended_Additional} (Single:
        \p{InLatinExtendedAdditional}) (256)
\p{Block: Latin_Extended_B} (Single: \p{InLatinExtendedB}) (208)
\p{Block: Latin_Extended_C} (Single: \p{InLatinExtendedC}) (32)
\p{Block: Latin_Extended_D} (Single: \p{InLatinExtendedD}) (224)
\p{Block: Lepcha} (Single: \p{InLepcha}; NOT \p{Lepcha} NOR
        \p{Is_Lepcha}) (80)
\p{Block: Letterlike_Symbols} (Single: \p{InLetterlikeSymbols})
        (80)
\p{Block: Limbu} (Single: \p{InLimbu}; NOT \p{Limbu} NOR
        \p{Is_Limbu}) (80)
\p{Block: Linear_B_Ideograms} (Single: \p{InLinearBIdeograms})
        (128)
\p{Block: Linear_B_Syllabary} (Single: \p{InLinearBSyllabary})

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(128)
\p{Block: Lisu} (Single: \p{InLisu}) (48)
\p{Block: Low_Surrogates} (Single: \p{InLowSurrogates}) (1024)
\p{Block: Lycian} (Single: \p{InLycian}; NOT \p{Lycian} NOR
\p{Is_Lycian}) (32)
\p{Block: Lydian} (Single: \p{InLydian}; NOT \p{Lydian} NOR
\p{Is_Lydian}) (32)
\p{Block: Mahjong_Tiles} (Single: \p{InMahjongTiles}) (48)
\p{Block: Malayalam} (Single: \p{InMalayalam}; NOT
\p{Malayalam} NOR \p{Is_Malayalam}) (128)
\p{Block: Mandaic} (Single: \p{InMandaic}; NOT \p{Mandaic}
NOR \p{Is_Mandaic}) (32)
\p{Block: Mathematical_Alphanumeric_Symbols} (Single:
\p{InMathematicalAlphanumericSymbols})
(1024)
\p{Block: Mathematical_Operators} (Single:
\p{InMathematicalOperators}) (256)
\p{Block: Meetei_Mayek} (Single: \p{InMeeteiMayek}; NOT
\p{Meetei_Mayek} NOR
\p{Is_Meetei_Mayek}) (64)
\p{Block: Miscellaneous_Mathematical_Symbols_A} (Single:
\p{InMiscellaneousMathematicalSymbolsA})
(48)
\p{Block: Miscellaneous_Mathematical_Symbols_B} (Single:
\p{InMiscellaneousMathematicalSymbolsB})
(128)
\p{Block: Miscellaneous_Symbols} (Single:
\p{InMiscellaneousSymbols}) (256)
\p{Block: Miscellaneous_Symbols_And_Arrows} (Single:
\p{InMiscellaneousSymbolsAndArrows})
(256)
\p{Block: Miscellaneous_Symbols_And_Pictographs} (Single:
\p{InMiscellaneousSymbolsAnd-
Pictographs}) (768)
\p{Block: Miscellaneous_Technical} (Single:
\p{InMiscellaneousTechnical}) (256)
\p{Block: Modifier_Tone_Letters} (Single:
\p{InModifierToneLetters}) (32)
\p{Block: Mongolian} (Single: \p{InMongolian}; NOT
\p{Mongolian} NOR \p{Is_Mongolian}) (176)
\p{Block: Musical_Symbols} (Single: \p{InMusicalSymbols}) (256)
\p{Block: Myanmar} (Single: \p{InMyanmar}; NOT \p{Myanmar}
NOR \p{Is_Myanmar}) (160)
\p{Block: Myanmar_Extended_A} (Single: \p{InMyanmarExtendedA}) (32)
\p{Block: New_Tai_Lue} (Single: \p{InNewTaiLue}; NOT
\p{New_Tai_Lue} NOR \p{Is_New_Tai_Lue})
(96)
\p{Block: Nko} (Single: \p{InNko}; NOT \p{Nko} NOR
\p{Is_Nko}) (64)
\p{Block: No_Block} (Single: \p{InNoBlock}) (861_664)
\p{Block: Number_Forms} (Single: \p{InNumberForms}) (64)
\p{Block: Ogham} (Single: \p{InOgham}; NOT \p{Ogham} NOR
\p{Is_Ogham}) (32)
\p{Block: Ol_Chiki} (Single: \p{InOlChiki}) (48)
\p{Block: Old_Italic} (Single: \p{InOldItalic}; NOT
\p{Old_Italic} NOR \p{Is_Old_Italic})

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(48)
\p{Block: Old_Persian} (Single: \p{InOldPersian}; NOT
\p{Old_Persian} NOR \p{Is_Old_Persian})
(64)
\p{Block: Old_South_Arabian} (Single: \p{InOldSouthArabian}) (32)
\p{Block: Old_Turkic} (Single: \p{InOldTurkic}; NOT
\p{Old_Turkic} NOR \p{Is_Old_Turkic})
(80)
\p{Block: Optical_Character_Recognition} (Single:
\p{InOpticalCharacterRecognition}) (32)
\p{Block: Oriya} (Single: \p{InOriya}; NOT \p{Oriya} NOR
\p{Is_Oriya}) (128)
\p{Block: Osmanya} (Single: \p{InOsmanya}; NOT \p{Osmanya}
NOR \p{Is_Osmanya}) (48)
\p{Block: Phags_Pa} (Single: \p{InPhagsPa}; NOT \p{Phags_Pa}
NOR \p{Is_Phags_Pa}) (64)
\p{Block: Phaistos_Disc} (Single: \p{InPhaistosDisc}) (48)
\p{Block: Phoenician} (Single: \p{InPhoenician}; NOT
\p{Phoenician} NOR \p{Is_Phoenician})
(32)
\p{Block: Phonetic_Extensions} (Single: \p{InPhoneticExtensions})
(128)
\p{Block: Phonetic_Extensions_Supplement} (Single:
\p{InPhoneticExtensionsSupplement}) (64)
\p{Block: Playing_Cards} (Single: \p{InPlayingCards}) (96)
\p{Block: Private_Use} \p{Block=Private_Use_Area} (NOT
\p{Private_Use} NOR \p{Is_Private_Use})
(6400)
\p{Block: Private_Use_Area} (Short: \p{Blk=PrivateUse},
\p{InPrivateUse}; NOT \p{Private_Use}
NOR \p{Is_Private_Use}) (6400)
\p{Block: Rejang} (Single: \p{InRejang}; NOT \p{Rejang} NOR
\p{Is_Rejang}) (48)
\p{Block: Rumi_Numeral_Symbols} (Single: \p{InRumiNumeralSymbols})
(32)
\p{Block: Runic} (Single: \p{InRunic}; NOT \p{Runic} NOR
\p{Is_Runic}) (96)
\p{Block: Samaritan} (Single: \p{InSamaritan}; NOT
\p{Samaritan} NOR \p{Is_Samaritan}) (64)
\p{Block: Saurashtra} (Single: \p{InSaurashtra}; NOT
\p{Saurashtra} NOR \p{Is_Saurashtra})
(96)
\p{Block: Shavian} (Single: \p{InShavian}) (48)
\p{Block: Sinhala} (Single: \p{InSinhala}; NOT \p{Sinhala}
NOR \p{Is_Sinhala}) (128)
\p{Block: Small_Form_Variants} (Single: \p{InSmallFormVariants})
(32)
\p{Block: Spacing_Modifier_Letters} (Single:
\p{InSpacingModifierLetters}) (80)
\p{Block: Specials} (Single: \p{InSpecials}) (16)
\p{Block: Sundanese} (Single: \p{InSundanese}; NOT
\p{Sundanese} NOR \p{Is_Sundanese}) (64)
\p{Block: Superscripts_And_Subscripts} (Single:
\p{InSuperscriptsAndSubscripts}) (48)
\p{Block: Supplemental_Arrows_A} (Single:
\p{InSupplementalArrowsA}) (16)

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\p{Block: Supplemental_Arrows_B} (Single:
    \p{InSupplementalArrowsB}) (128)
\p{Block: Supplemental_Mathematical_Operators} (Single:
    \p{InSupplementalMathematicalOperators})
    (256)
\p{Block: Supplemental_Punctuation} (Single:
    \p{InSupplementalPunctuation}) (128)
\p{Block: Supplementary_Private_Use_Area_A} (Single:
    \p{InSupplementaryPrivateUseAreaA})
    (65_536)
\p{Block: Supplementary_Private_Use_Area_B} (Single:
    \p{InSupplementaryPrivateUseAreaB})
    (65_536)
\p{Block: Syloti_Nagri} (Single: \p{InSylotiNagri}; NOT
    \p{Syloti_Nagri} NOR
    \p{Is_Syloti_Nagri}) (48)
\p{Block: Syriac} (Single: \p{InSyriac}; NOT \p{Syriac} NOR
    \p{Is_Syriac}) (80)
\p{Block: Tagalog} (Single: \p{InTagalog}; NOT \p{Tagalog}
    NOR \p{Is_Tagalog}) (32)
\p{Block: Tagbanwa} (Single: \p{InTagbanwa}; NOT \p{Tagbanwa}
    NOR \p{Is_Tagbanwa}) (32)
\p{Block: Tags} (Single: \p{InTags}) (128)
\p{Block: Tai_Le} (Single: \p{InTaiLe}; NOT \p{Tai_Le} NOR
    \p{Is_Tai_Le}) (48)
\p{Block: Tai_Tham} (Single: \p{InTaiTham}; NOT \p{Tai_Tham}
    NOR \p{Is_Tai_Tham}) (144)
\p{Block: Tai_Viet} (Single: \p{InTaiViet}; NOT \p{Tai_Viet}
    NOR \p{Is_Tai_Viet}) (96)
\p{Block: Tai_Xuan_Jing_Symbols} (Single:
    \p{InTaiXuanJingSymbols}) (96)
\p{Block: Tamil} (Single: \p{InTamil}; NOT \p{Tamil} NOR
    \p{Is_Tamil}) (128)
\p{Block: Telugu} (Single: \p{InTelugu}; NOT \p{Telugu} NOR
    \p{Is_Telugu}) (128)
\p{Block: Thaana} (Single: \p{InThaana}; NOT \p{Thaana} NOR
    \p{Is_Thaana}) (64)
\p{Block: Thai} (Single: \p{InThai}; NOT \p{Thai} NOR
    \p{Is_Thai}) (128)
\p{Block: Tibetan} (Single: \p{InTibetan}; NOT \p{Tibetan}
    NOR \p{Is_Tibetan}) (256)
\p{Block: Tifinagh} (Single: \p{InTifinagh}; NOT \p{Tifinagh}
    NOR \p{Is_Tifinagh}) (80)
\p{Block: Transport_And_Map_Symbols} (Single:
    \p{InTransportAndMapSymbols}) (128)
\p{Block: Ugaritic} (Single: \p{InUgaritic}; NOT \p{Ugaritic}
    NOR \p{Is_Ugaritic}) (32)
\p{Block: Unified_Canadian_Aboriginal_Syllabics} (Short: \p{Blk=
    CanadianSyllabics},
    \p{InCanadianSyllabics}) (640)
\p{Block: Unified_Canadian_Aboriginal_Syllabics_Extended} (Single:
    \p{InUnifiedCanadianAboriginalSyllabics-
    Extended}) (80)
\p{Block: Vai} (Single: \p{InVai}; NOT \p{Vai} NOR
    \p{Is_Vai}) (320)
\p{Block: Variation_Selectors} (Single: \p{InVariationSelectors})

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(16)
\p{Block: Variation_Selectors_Supplement} (Single:
    \p{InVariationSelectorsSupplement}) (240)
\p{Block: Vedic_Extensions} (Single: \p{InVedicExtensions}) (48)
\p{Block: Vertical_Forms} (Single: \p{InVerticalForms}) (16)
\p{Block: Yi_Radicals} (Single: \p{InYiRadicals}) (64)
\p{Block: Yi_Syllables} (Single: \p{InYiSyllables}) (1168)
\p{Block: Yijing_Hexagram_Symbols} (Single:
    \p{InYijingHexagramSymbols}) (64)
X \p{Block_Elements} \p{Block=Block_Elements} (32)
\p{Bopo} \p{Bopomofo} (= \p{Script=Bopomofo}) (NOT
    \p{Block=Bopomofo}) (70)
\p{Bopomofo} \p{Script=Bopomofo} (Short: \p{Bopo}; NOT
    \p{Block=Bopomofo}) (70)
X \p{Bopomofo_Extended} \p{Block=Bopomofo_Extended} (32)
X \p{Box_Drawing} \p{Block=Box_Drawing} (128)
\p{Brah} \p{Brahmi} (= \p{Script=Brahmi}) (NOT
    \p{Block=Brahmi}) (108)
\p{Brahmi} \p{Script=Brahmi} (Short: \p{Brah}; NOT
    \p{Block=Brahmi}) (108)
\p{Brai} \p{Braille} (= \p{Script=Braille}) (256)
\p{Braille} \p{Script=Braille} (Short: \p{Brai}) (256)
X \p{Braille_Patterns} \p{Block=Braille_Patterns} (256)
\p{Bugi} \p{Buginese} (= \p{Script=Buginese}) (NOT
    \p{Block=Buginese}) (30)
\p{Buginese} \p{Script=Buginese} (Short: \p{Bugi}; NOT
    \p{Block=Buginese}) (30)
\p{Buhd} \p{Buhid} (= \p{Script=Buhid}) (NOT
    \p{Block=Buhid}) (20)
\p{Buhid} \p{Script=Buhid} (Short: \p{Buhd}; NOT
    \p{Block=Buhid}) (20)
X \p{Byzantine_Musical_Symbols} \p{Block=Byzantine_Musical_Symbols}
    (256)
\p{C} \p{Other} (= \p{General_Category=Other})
    (1_004_868)
\p{Canadian_Aboriginal} \p{Script=Canadian_Aboriginal} (Short:
    \p{Cans}) (710)
X \p{Canadian_Syllabics} \p{Unified_Canadian_Aboriginal_Syllabics}
    (= \p{Block=
        Unified_Canadian_Aboriginal_Syllabics})
    (640)
T \p{Canonical_Combining_Class: 0} \p{Canonical_Combining_Class=
    Not_Reordered} (1_113_506)
T \p{Canonical_Combining_Class: 1} \p{Canonical_Combining_Class=
    Overlay} (26)
T \p{Canonical_Combining_Class: 7} \p{Canonical_Combining_Class=
    Nukta} (12)
T \p{Canonical_Combining_Class: 8} \p{Canonical_Combining_Class=
    Kana_Voicing} (2)
T \p{Canonical_Combining_Class: 9} \p{Canonical_Combining_Class=
    Virama} (31)
T \p{Canonical_Combining_Class: 10} (Short: \p{Ccc=10}) (1)
T \p{Canonical_Combining_Class: 11} (Short: \p{Ccc=11}) (1)
T \p{Canonical_Combining_Class: 12} (Short: \p{Ccc=12}) (1)
T \p{Canonical_Combining_Class: 13} (Short: \p{Ccc=13}) (1)
T \p{Canonical_Combining_Class: 14} (Short: \p{Ccc=14}) (1)

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T \p{Canonical_Combining_Class: 15} (Short: \p{Ccc=15}) (1)
T \p{Canonical_Combining_Class: 16} (Short: \p{Ccc=16}) (1)
T \p{Canonical_Combining_Class: 17} (Short: \p{Ccc=17}) (1)
T \p{Canonical_Combining_Class: 18} (Short: \p{Ccc=18}) (2)
T \p{Canonical_Combining_Class: 19} (Short: \p{Ccc=19}) (2)
T \p{Canonical_Combining_Class: 20} (Short: \p{Ccc=20}) (1)
T \p{Canonical_Combining_Class: 21} (Short: \p{Ccc=21}) (1)
T \p{Canonical_Combining_Class: 22} (Short: \p{Ccc=22}) (1)
T \p{Canonical_Combining_Class: 23} (Short: \p{Ccc=23}) (1)
T \p{Canonical_Combining_Class: 24} (Short: \p{Ccc=24}) (1)
T \p{Canonical_Combining_Class: 25} (Short: \p{Ccc=25}) (1)
T \p{Canonical_Combining_Class: 26} (Short: \p{Ccc=26}) (1)
T \p{Canonical_Combining_Class: 27} (Short: \p{Ccc=27}) (1)
T \p{Canonical_Combining_Class: 28} (Short: \p{Ccc=28}) (1)
T \p{Canonical_Combining_Class: 29} (Short: \p{Ccc=29}) (1)
T \p{Canonical_Combining_Class: 30} (Short: \p{Ccc=30}) (2)
T \p{Canonical_Combining_Class: 31} (Short: \p{Ccc=31}) (2)
T \p{Canonical_Combining_Class: 32} (Short: \p{Ccc=32}) (2)
T \p{Canonical_Combining_Class: 33} (Short: \p{Ccc=33}) (1)
T \p{Canonical_Combining_Class: 34} (Short: \p{Ccc=34}) (1)
T \p{Canonical_Combining_Class: 35} (Short: \p{Ccc=35}) (1)
T \p{Canonical_Combining_Class: 36} (Short: \p{Ccc=36}) (1)
T \p{Canonical_Combining_Class: 84} (Short: \p{Ccc=84}) (1)
T \p{Canonical_Combining_Class: 91} (Short: \p{Ccc=91}) (1)
T \p{Canonical_Combining_Class: 103} (Short: \p{Ccc=103}) (2)
T \p{Canonical_Combining_Class: 107} (Short: \p{Ccc=107}) (4)
T \p{Canonical_Combining_Class: 118} (Short: \p{Ccc=118}) (2)
T \p{Canonical_Combining_Class: 122} (Short: \p{Ccc=122}) (4)
T \p{Canonical_Combining_Class: 129} (Short: \p{Ccc=129}) (1)
T \p{Canonical_Combining_Class: 130} (Short: \p{Ccc=130}) (6)
T \p{Canonical_Combining_Class: 132} (Short: \p{Ccc=132}) (1)
T \p{Canonical_Combining_Class: 200} \p{Canonical_Combining_Class=
    Attached_Below_Left} (0)
T \p{Canonical_Combining_Class: 202} \p{Canonical_Combining_Class=
    Attached_Below} (5)
T \p{Canonical_Combining_Class: 214} \p{Canonical_Combining_Class=
    Attached_Above} (1)
T \p{Canonical_Combining_Class: 216} \p{Canonical_Combining_Class=
    Attached_Above_Right} (9)
T \p{Canonical_Combining_Class: 218} \p{Canonical_Combining_Class=
    Below_Left} (1)
T \p{Canonical_Combining_Class: 220} \p{Canonical_Combining_Class=
    Below} (121)
T \p{Canonical_Combining_Class: 222} \p{Canonical_Combining_Class=
    Below_Right} (4)
T \p{Canonical_Combining_Class: 224} \p{Canonical_Combining_Class=
    Left} (2)
T \p{Canonical_Combining_Class: 226} \p{Canonical_Combining_Class=
    Right} (1)
T \p{Canonical_Combining_Class: 228} \p{Canonical_Combining_Class=
    Above_Left} (3)
T \p{Canonical_Combining_Class: 230} \p{Canonical_Combining_Class=
    Above} (320)
T \p{Canonical_Combining_Class: 232} \p{Canonical_Combining_Class=
    Above_Right} (4)
T \p{Canonical_Combining_Class: 233} \p{Canonical_Combining_Class=

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Double_Below} (4)
T \p{Canonical_Combining_Class: 234} \p{Canonical_Combining_Class=
Double_Above} (5)
T \p{Canonical_Combining_Class: 240} \p{Canonical_Combining_Class=
Iota_Subscript} (1)
\p{Canonical_Combining_Class: A} \p{Canonical_Combining_Class=
Above} (320)
\p{Canonical_Combining_Class: Above} (Short: \p{Ccc=A}) (320)
\p{Canonical_Combining_Class: Above_Left} (Short: \p{Ccc=AL}) (3)
\p{Canonical_Combining_Class: Above_Right} (Short: \p{Ccc=AR}) (4)
\p{Canonical_Combining_Class: AL} \p{Canonical_Combining_Class=
Above_Left} (3)
\p{Canonical_Combining_Class: AR} \p{Canonical_Combining_Class=
Above_Right} (4)
\p{Canonical_Combining_Class: ATA} \p{Canonical_Combining_Class=
Attached_Above} (1)
\p{Canonical_Combining_Class: ATAR} \p{Canonical_Combining_Class=
Attached_Above_Right} (9)
\p{Canonical_Combining_Class: ATB} \p{Canonical_Combining_Class=
Attached_Below} (5)
\p{Canonical_Combining_Class: ATBL} \p{Canonical_Combining_Class=
Attached_Below_Left} (0)
\p{Canonical_Combining_Class: Attached_Above} (Short: \p{Ccc=ATA})
(1)
\p{Canonical_Combining_Class: Attached_Above_Right} (Short:
\p{Ccc=ATAR}) (9)
\p{Canonical_Combining_Class: Attached_Below} (Short: \p{Ccc=ATB})
(5)
\p{Canonical_Combining_Class: Attached_Below_Left} (Short: \p{Ccc=
ATBL}) (0)
\p{Canonical_Combining_Class: B} \p{Canonical_Combining_Class=
Below} (121)
\p{Canonical_Combining_Class: Below} (Short: \p{Ccc=B}) (121)
\p{Canonical_Combining_Class: Below_Left} (Short: \p{Ccc=BL}) (1)
\p{Canonical_Combining_Class: Below_Right} (Short: \p{Ccc=BR}) (4)
\p{Canonical_Combining_Class: BL} \p{Canonical_Combining_Class=
Below_Left} (1)
\p{Canonical_Combining_Class: BR} \p{Canonical_Combining_Class=
Below_Right} (4)
\p{Canonical_Combining_Class: DA} \p{Canonical_Combining_Class=
Double_Above} (5)
\p{Canonical_Combining_Class: DB} \p{Canonical_Combining_Class=
Double_Below} (4)
\p{Canonical_Combining_Class: Double_Above} (Short: \p{Ccc=DA}) (5)
\p{Canonical_Combining_Class: Double_Below} (Short: \p{Ccc=DB}) (4)
\p{Canonical_Combining_Class: Iota_Subscript} (Short: \p{Ccc=IS})
(1)
\p{Canonical_Combining_Class: IS} \p{Canonical_Combining_Class=
Iota_Subscript} (1)
\p{Canonical_Combining_Class: Kana_Voicing} (Short: \p{Ccc=KV}) (2)
\p{Canonical_Combining_Class: KV} \p{Canonical_Combining_Class=
Kana_Voicing} (2)
\p{Canonical_Combining_Class: L} \p{Canonical_Combining_Class=
Left} (2)
\p{Canonical_Combining_Class: Left} (Short: \p{Ccc=L}) (2)
\p{Canonical_Combining_Class: NK} \p{Canonical_Combining_Class=

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        Nukta} (12)
\p{Canonical_Combining_Class: Not_Reordered} (Short: \p{Ccc=NR})
        (1_113_506)
\p{Canonical_Combining_Class: NR} \p{Canonical_Combining_Class=
        Not_Reordered} (1_113_506)
\p{Canonical_Combining_Class: Nukta} (Short: \p{Ccc=NK}) (12)
\p{Canonical_Combining_Class: OV} \p{Canonical_Combining_Class=
        Overlay} (26)
\p{Canonical_Combining_Class: Overlay} (Short: \p{Ccc=OV}) (26)
\p{Canonical_Combining_Class: R} \p{Canonical_Combining_Class=
        Right} (1)
\p{Canonical_Combining_Class: Right} (Short: \p{Ccc=R}) (1)
\p{Canonical_Combining_Class: Virama} (Short: \p{Ccc=VR}) (31)
\p{Canonical_Combining_Class: VR} \p{Canonical_Combining_Class=
        Virama} (31)
\p{Cans} \p{Canadian_Aboriginal} (= \p{Script=
        Canadian_Aboriginal}) (710)
\p{Cari} \p{Carian} (= \p{Script=Carian}) (NOT
        \p{Block=Carian}) (49)
\p{Carian} \p{Script=Carian} (Short: \p{Cari}; NOT
        \p{Block=Carian}) (49)
\p{Case_Ignorable} \p{Case_Ignorable=Y} (Short: \p{CI}) (1692)
\p{Case_Ignorable: N*} (Short: \p{CI=N}, \p{CI}) (1_112_420)
\p{Case_Ignorable: Y*} (Short: \p{CI=Y}, \p{CI}) (1692)
\p{Cased} \p{Cased=Y} (3427)
\p{Cased: N*} (Single: \p{Cased}) (1_110_685)
\p{Cased: Y*} (Single: \p{Cased}) (3427)
\p{Cased_Letter} \p{General_Category=Cased_Letter} (Short:
        \p{LC}) (3226)
\p{Category: *} \p{General_Category: *}
\p{Cc} \p{Cntrl} (= \p{General_Category=Control})
        (65)
\p{Ccc: *} \p{Canonical_Combining_Class: *}
\p{CE} \p{Composition_Exclusion} (=
        \p{Composition_Exclusion=Y}) (81)
\p{CE: *} \p{Composition_Exclusion: *}
\p{Cf} \p{Format} (= \p{General_Category=Format})
        (140)
\p{Cham} \p{Script=Cham} (NOT \p{Block=Cham}) (83)
\p{Changes_When_Casefolded} \p{Changes_When_Casefolded=Y} (Short:
        \p{CWCF}) (1102)
\p{Changes_When_Casefolded: N*} (Short: \p{CWCF=N}, \p{CWCF})
        (1_113_010)
\p{Changes_When_Casefolded: Y*} (Short: \p{CWCF=Y}, \p{CWCF})
        (1102)
\p{Changes_When_Casemapped} \p{Changes_When_Casemapped=Y} (Short:
        \p{CWCM}) (2128)
\p{Changes_When_Casemapped: N*} (Short: \p{CWCM=N}, \p{CWCM})
        (1_111_984)
\p{Changes_When_Casemapped: Y*} (Short: \p{CWCM=Y}, \p{CWCM})
        (2128)
\p{Changes_When_Lowercased} \p{Changes_When_Lowercased=Y} (Short:
        \p{CWL}) (1038)
\p{Changes_When_Lowercased: N*} (Short: \p{CWL=N}, \p{CWL})
        (1_113_074)
\p{Changes_When_Lowercased: Y*} (Short: \p{CWL=Y}, \p{CWL}) (1038)

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\p{Changes_When_NFKC_Casefolded} \p{Changes_When_NFKC_Casefolded=
    Y} (Short: \p{CWKCF}) (9792)
\p{Changes_When_NFKC_Casefolded: N*} (Short: \p{CWKCF=N},
    \p{CWKCF}) (1_104_320)
\p{Changes_When_NFKC_Casefolded: Y*} (Short: \p{CWKCF=Y},
    \p{CWKCF}) (9792)
\p{Changes_When_Titlecased} \p{Changes_When_Titlecased=Y} (Short:
    \p{CWT}) (1094)
\p{Changes_When_Titlecased: N*} (Short: \p{CWT=N}, \p{CWT})
    (1_113_018)
\p{Changes_When_Titlecased: Y*} (Short: \p{CWT=Y}, \p{CWT}) (1094)
\p{Changes_When_Uppercased} \p{Changes_When_Uppercased=Y} (Short:
    \p{CWU}) (1121)
\p{Changes_When_Uppercased: N*} (Short: \p{CWU=N}, \p{CWU})
    (1_112_991)
\p{Changes_When_Uppercased: Y*} (Short: \p{CWU=Y}, \p{CWU}) (1121)
\p{Cher} \p{Cherokee} (= \p{Script=Cherokee}) (NOT
    \p{Block=Cherokee}) (85)
\p{Cherokee} \p{Script=Cherokee} (Short: \p{Cher}; NOT
    \p{Block=Cherokee}) (85)
\p{CI} \p{Case_Ignorable} (= \p{Case_Ignorable=
    Y}) (1692)
\p{CI: *} \p{Case_Ignorable: *}
X \p{CJK_Compatibility} \p{Block=CJK_Compatibility} (256)
X \p{CJK_Compatibility_Forms} \p{Block=CJK_Compatibility_Forms} (32)
X \p{CJK_Compatibility_Ideographs} \p{Block=
    CJK_Compatibility_Ideographs} (512)
X \p{CJK_Compatibility_Ideographs_Supplement} \p{Block=
    CJK_Compatibility_Ideographs_Supplement}
    (544)
X \p{CJK_Radicals_Supplement} \p{Block=CJK_Radicals_Supplement} (128)
X \p{CJK_Strokes} \p{Block=CJK_Strokes} (48)
X \p{CJK_Symbols_And_Punctuation} \p{Block=
    CJK_Symbols_And_Punctuation} (64)
X \p{CJK_Unified_Ideographs} \p{Block=CJK_Unified_Ideographs}
    (20_992)
X \p{CJK_Unified_Ideographs_Extension_A} \p{Block=
    CJK_Unified_Ideographs_Extension_A}
    (6592)
X \p{CJK_Unified_Ideographs_Extension_B} \p{Block=
    CJK_Unified_Ideographs_Extension_B}
    (42_720)
X \p{CJK_Unified_Ideographs_Extension_C} \p{Block=
    CJK_Unified_Ideographs_Extension_C}
    (4160)
X \p{CJK_Unified_Ideographs_Extension_D} \p{Block=
    CJK_Unified_Ideographs_Extension_D} (224)
\p{Close_Punctuation} \p{General_Category=Close_Punctuation}
    (Short: \p{Pe}) (71)
\p{Cn} \p{Unassigned} (= \p{General_Category=
    Unassigned}) (865_147)
\p{Cntrl} \p{General_Category=Control} Control
    characters (Short: \p{Cc}) (65)
\p{Co} \p{Private_Use} (= \p{General_Category=
    Private_Use}) (NOT \p{Private_Use_Area})
    (137_468)

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X \p{Combining_Diacritical_Marks} \p{Block=
    Combining_Diacritical_Marks} (112)
X \p{Combining_Diacritical_Marks_For_Symbols} \p{Block=
    Combining_Diacritical_Marks_For_Symbols}
    (Short: \p{InCombiningMarksForSymbols})
    (48)
X \p{Combining_Diacritical_Marks_Supplement} \p{Block=
    Combining_Diacritical_Marks_Supplement}
    (64)
X \p{Combining_Half_Marks} \p{Block=Combining_Half_Marks} (16)
X \p{Combining_Marks_For_Symbols}
    \p{Combining_Diacritical_Marks_For_
    Symbols} (= \p{Block=
    Combining_Diacritical_Marks_For_
    Symbols}) (48)
    \p{Common} \p{Script=Common} (Short: \p{Zyyy}) (6379)
X \p{Common_Indic_Number_Forms} \p{Block=Common_Indic_Number_Forms}
    (16)
    \p{Comp_Ex} \p{Full_Composition_Exclusion} (=
    \p{Full_Composition_Exclusion=Y}) (1118)
    \p{Comp_Ex: *} \p{Full_Composition_Exclusion: *}
    \p{Composition_Exclusion} \p{Composition_Exclusion=Y} (Short:
    \p{CE}) (81)
    \p{Composition_Exclusion: N*} (Short: \p{CE=N}, \p{CE}) (1_114_031)
    \p{Composition_Exclusion: Y*} (Short: \p{CE=Y}, \p{CE}) (81)
    \p{Connector_Punctuation} \p{General_Category=
    Connector_Punctuation} (Short: \p{Pc})
    (10)
    \p{Control} \p{Cntrl} (= \p{General_Category=Control})
    (65)
X \p{Control_Pictures} \p{Block=Control_Pictures} (64)
    \p{Copt} \p{Coptic} (= \p{Script=Coptic}) (NOT
    \p{Block=Coptic}) (135)
    \p{Coptic} \p{Script=Coptic} (Short: \p{Copt}; NOT
    \p{Block=Coptic}) (135)
X \p{Counting_Rod_Numerals} \p{Block=Counting_Rod_Numerals} (32)
    \p{Cprt} \p{Cypriot} (= \p{Script=Cypriot}) (55)
    \p{Cs} \p{Surrogate} (= \p{General_Category=
    Surrogate}) (2048)
    \p{Cuneiform} \p{Script=Cuneiform} (Short: \p{Xsux}; NOT
    \p{Block=Cuneiform}) (982)
X \p{Cuneiform_Numbers_And_Punctuation} \p{Block=
    Cuneiform_Numbers_And_Punctuation} (128)
    \p{Currency_Symbol} \p{General_Category=Currency_Symbol}
    (Short: \p{Sc}) (47)
X \p{Currency_Symbols} \p{Block=Currency_Symbols} (48)
    \p{CWCF} \p{Changes_When_Casefolded} (=
    \p{Changes_When_Casefolded=Y}) (1102)
    \p{CWCF: *} \p{Changes_When_Casefolded: *}
    \p{CWCM} \p{Changes_When_Casemapped} (=
    \p{Changes_When_Casemapped=Y}) (2128)
    \p{CWCM: *} \p{Changes_When_Casemapped: *}
    \p{CWKCF} \p{Changes_When_NFKC_Casefolded} (=
    \p{Changes_When_NFKC_Casefolded=Y})
    (9792)
    \p{CWKCF: *} \p{Changes_When_NFKC_Casefolded: *}

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\p{CWL}                \p{Changes_When_Lowercased} (=
                        \p{Changes_When_Lowercased=Y}) (1038)
\p{CWL: *}              \p{Changes_When_Lowercased: *}
\p{CWT}                 \p{Changes_When_Titlecased} (=
                        \p{Changes_When_Titlecased=Y}) (1094)
\p{CWT: *}              \p{Changes_When_Titlecased: *}
\p{CWU}                 \p{Changes_When_Uppercased} (=
                        \p{Changes_When_Uppercased=Y}) (1121)
\p{CWU: *}              \p{Changes_When_Uppercased: *}
\p{Cypriot}             \p{Script=Cypriot} (Short: \p{Cprt}) (55)
X \p{Cypriot_Syllabary} \p{Block=Cypriot_Syllabary} (64)
\p{Cyrillic}            \p{Script=Cyrillic} (Short: \p{Cyr1}; NOT
                        \p{Block=Cyrillic}) (408)
X \p{Cyrillic_Extended_A} \p{Block=Cyrillic_Extended_A} (32)
X \p{Cyrillic_Extended_B} \p{Block=Cyrillic_Extended_B} (96)
X \p{Cyrillic_Supplement} \p{Block=Cyrillic_Supplement} (48)
X \p{Cyrillic_Supplementary} \p{Cyrillic_Supplement} (= \p{Block=
                        Cyrillic_Supplement}) (48)
\p{Cyr1}                \p{Cyrillic} (= \p{Script=Cyrillic}) (NOT
                        \p{Block=Cyrillic}) (408)
\p{Dash}                \p{Dash=Y} (25)
\p{Dash: N*}             (Single: \p{Dash}) (1_114_087)
\p{Dash: Y*}             (Single: \p{Dash}) (25)
\p{Dash_Punctuation}     \p{General_Category=Dash_Punctuation}
                        (Short: \p{Pd}) (21)
\p{Decimal_Number}       \p{Digit} (= \p{General_Category=
                        Decimal_Number}) (420)
\p{Decomposition_Type: Can} \p{Decomposition_Type=Canonical}
                        (13_221)
\p{Decomposition_Type: Canonical} (Short: \p{Dt=Can}) (13_221)
\p{Decomposition_Type: Circle} (Short: \p{Dt=Enc}) (240)
\p{Decomposition_Type: Com} \p{Decomposition_Type=Compat} (720)
\p{Decomposition_Type: Compat} (Short: \p{Dt=Com}) (720)
\p{Decomposition_Type: Enc} \p{Decomposition_Type=Circle} (240)
\p{Decomposition_Type: Fin} \p{Decomposition_Type=Final} (240)
\p{Decomposition_Type: Final} (Short: \p{Dt=Fin}) (240)
\p{Decomposition_Type: Font} (Short: \p{Dt=Font}) (1043)
\p{Decomposition_Type: Fra} \p{Decomposition_Type=Fraction} (20)
\p{Decomposition_Type: Fraction} (Short: \p{Dt=Fra}) (20)
\p{Decomposition_Type: Init} \p{Decomposition_Type=Initial} (171)
\p{Decomposition_Type: Initial} (Short: \p{Dt=Init}) (171)
\p{Decomposition_Type: Iso} \p{Decomposition_Type=Isolated} (238)
\p{Decomposition_Type: Isolated} (Short: \p{Dt=Iso}) (238)
\p{Decomposition_Type: Med} \p{Decomposition_Type=Medial} (82)
\p{Decomposition_Type: Medial} (Short: \p{Dt=Med}) (82)
\p{Decomposition_Type: Nar} \p{Decomposition_Type=Narrow} (122)
\p{Decomposition_Type: Narrow} (Short: \p{Dt=Nar}) (122)
\p{Decomposition_Type: Nb} \p{Decomposition_Type=Nobreak} (5)
\p{Decomposition_Type: Nobreak} (Short: \p{Dt=Nb}) (5)
\p{Decomposition_Type: Non_Canon} \p{Decomposition_Type=
                        Non_Canonical} (Perl extension) (3510)
\p{Decomposition_Type: Non_Canonical} Union of all non-canonical
                        decompositions (Short: \p{Dt=NonCanon})
                        (Perl extension) (3510)
\p{Decomposition_Type: None} (Short: \p{Dt=None}) (1_097_381)
\p{Decomposition_Type: Small} (Short: \p{Dt=Sml}) (26)

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\p{Decomposition_Type: Sml} \p{Decomposition_Type=Small} (26)
\p{Decomposition_Type: Sqr} \p{Decomposition_Type=Square} (284)
\p{Decomposition_Type: Square} (Short: \p{Dt=Sqr}) (284)
\p{Decomposition_Type: Sub} (Short: \p{Dt=Sub}) (38)
\p{Decomposition_Type: Sup} \p{Decomposition_Type=Super} (142)
\p{Decomposition_Type: Super} (Short: \p{Dt=Sup}) (142)
\p{Decomposition_Type: Vert} \p{Decomposition_Type=Vertical} (35)
\p{Decomposition_Type: Vertical} (Short: \p{Dt=Vert}) (35)
\p{Decomposition_Type: Wide} (Short: \p{Dt=Wide}) (104)
\p{Default_Ignorable_Code_Point} \p{Default_Ignorable_Code_Point=
    Y} (Short: \p{DI}) (4167)
\p{Default_Ignorable_Code_Point: N*} (Short: \p{DI=N}, \p{DI})
    (1_109_945)
\p{Default_Ignorable_Code_Point: Y*} (Short: \p{DI=Y}, \p{DI})
    (4167)
\p{Dep} \p{Deprecated} (= \p{Deprecated=Y}) (111)
\p{Dep: *} \p{Deprecated: *}
\p{Deprecated} \p{Deprecated=Y} (Short: \p{Dep}) (111)
\p{Deprecated: N*} (Short: \p{Dep=N}, \p{Dep}) (1_114_001)
\p{Deprecated: Y*} (Short: \p{Dep=Y}, \p{Dep}) (111)
\p{Deseret} \p{Script=Deseret} (Short: \p{Dsrt}) (80)
\p{Deva} \p{Devanagari} (= \p{Script=Devanagari})
    (NOT \p{Block=Devanagari}) (150)
\p{Devanagari} \p{Script=Devanagari} (Short: \p{Deva};
    NOT \p{Block=Devanagari}) (150)
X \p{Devanagari_Extended} \p{Block=Devanagari_Extended} (32)
\p{DI} \p{Default_Ignorable_Code_Point} (=
    \p{Default_Ignorable_Code_Point=Y})
    (4167)
\p{DI: *} \p{Default_Ignorable_Code_Point: *}
\p{Dia} \p{Diacritic} (= \p{Diacritic=Y}) (639)
\p{Dia: *} \p{Diacritic: *}
\p{Diacritic} \p{Diacritic=Y} (Short: \p{Dia}) (639)
\p{Diacritic: N*} (Short: \p{Dia=N}, \p{Dia}) (1_113_473)
\p{Diacritic: Y*} (Short: \p{Dia=Y}, \p{Dia}) (639)
\p{Digit} \p{General_Category=Decimal_Number} [0-9]
    + all other decimal digits (Short:
    \p{Nd}) (420)
X \p{Dingbats} \p{Block=Dingbats} (192)
X \p{Domino_Tiles} \p{Block=Domino_Tiles} (112)
\p{Dsrt} \p{Deseret} (= \p{Script=Deseret}) (80)
\p{Dt: *} \p{Decomposition_Type: *}
\p{Ea: *} \p{East_Asian_Width: *}
\p{East_Asian_Width: A} \p{East_Asian_Width=Ambiguous} (138_746)
\p{East_Asian_Width: Ambiguous} (Short: \p{Ea=A}) (138_746)
\p{East_Asian_Width: F} \p{East_Asian_Width=Fullwidth} (104)
\p{East_Asian_Width: Fullwidth} (Short: \p{Ea=F}) (104)
\p{East_Asian_Width: H} \p{East_Asian_Width=Halfwidth} (123)
\p{East_Asian_Width: Halfwidth} (Short: \p{Ea=H}) (123)
\p{East_Asian_Width: N} \p{East_Asian_Width=Neutral} (801_811)
\p{East_Asian_Width: Na} \p{East_Asian_Width=Narrow} (111)
\p{East_Asian_Width: Narrow} (Short: \p{Ea=Na}) (111)
\p{East_Asian_Width: Neutral} (Short: \p{Ea=N}) (801_811)
\p{East_Asian_Width: W} \p{East_Asian_Width=Wide} (173_217)
\p{East_Asian_Width: Wide} (Short: \p{Ea=W}) (173_217)
\p{Egyp} \p{Egyptian_Hieroglyphs} (= \p{Script=

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Egyptian_Hieroglyphs}) (NOT \p{Block=
Egyptian_Hieroglyphs}) (1071)
\p{Egyptian_Hieroglyphs} \p{Script=Egyptian_Hieroglyphs} (Short:
\p{Egyp}; NOT \p{Block=
Egyptian_Hieroglyphs}) (1071)
X \p{Emoticons} \p{Block=Emoticons} (80)
X \p{Enclosed_Alphanumeric_Supplement} \p{Block=
Enclosed_Alphanumeric_Supplement} (256)
X \p{Enclosed_Alphanumerics} \p{Block=Enclosed_Alphanumerics} (160)
X \p{Enclosed_CJK_Letters_And_Months} \p{Block=
Enclosed_CJK_Letters_And_Months} (256)
X \p{Enclosed_Ideographic_Supplement} \p{Block=
Enclosed_Ideographic_Supplement} (256)
\p{Enclosing_Mark} \p{General_Category=Enclosing_Mark}
(Short: \p{Me}) (12)
\p{Ethi} \p{Ethiopic} (= \p{Script=Ethiopic}) (NOT
\p{Block=Ethiopic}) (495)
\p{Ethiopic} \p{Script=Ethiopic} (Short: \p{Ethi}; NOT
\p{Block=Ethiopic}) (495)
X \p{Ethiopic_Extended} \p{Block=Ethiopic_Extended} (96)
X \p{Ethiopic_Extended_A} \p{Block=Ethiopic_Extended_A} (48)
X \p{Ethiopic_Supplement} \p{Block=Ethiopic_Supplement} (32)
\p{Ext} \p{Extender} (= \p{Extender=Y}) (28)
\p{Ext: *} \p{Extender: *}
\p{Extender} \p{Extender=Y} (Short: \p{Ext}) (28)
\p{Extender: N*} (Short: \p{Ext=N}, \p{Ext}) (1_114_084)
\p{Extender: Y*} (Short: \p{Ext=Y}, \p{Ext}) (28)
\p{Final_Punctuation} \p{General_Category=Final_Punctuation}
(Short: \p{Pf}) (10)
\p{Format} \p{General_Category=Format} (Short:
\p{Cf}) (140)
\p{Full_Composition_Exclusion} \p{Full_Composition_Exclusion=Y}
(Short: \p{CompEx}) (1118)
\p{Full_Composition_Exclusion: N*} (Short: \p{CompEx=N},
\p{CompEx}) (1_112_994)
\p{Full_Composition_Exclusion: Y*} (Short: \p{CompEx=Y},
\p{CompEx}) (1118)
\p{Gc: *} \p{General_Category: *}
\p{GCB: *} \p{Grapheme_Cluster_Break: *}
\p{General_Category: C} \p{General_Category=Other} (1_004_868)
\p{General_Category: Cased_Letter} [\p{Ll}\p{Lu}\p{Lt}] (Short:
\p{Gc=LC}, \p{LC}) (3226)
\p{General_Category: Cc} \p{General_Category=Control} (65)
\p{General_Category: Cf} \p{General_Category=Format} (140)
\p{General_Category: Close_Punctuation} (Short: \p{Gc=Pe}, \p{Pe})
(71)
\p{General_Category: Cn} \p{General_Category=Unassigned} (865_147)
\p{General_Category: Cntrl} \p{General_Category=Control} (65)
\p{General_Category: Co} \p{General_Category=Private_Use} (137_468)
\p{General_Category: Connector_Punctuation} (Short: \p{Gc=Pc},
\p{Pc}) (10)
\p{General_Category: Control} (Short: \p{Gc=Cc}, \p{Cc}) (65)
\p{General_Category: Cs} \p{General_Category=Surrogate} (2048)
\p{General_Category: Currency_Symbol} (Short: \p{Gc=Sc}, \p{Sc})
(47)
\p{General_Category: Dash_Punctuation} (Short: \p{Gc=Pd}, \p{Pd})

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(21)
\p{General_Category: Decimal_Number} (Short: \p{Gc=Nd}, \p{Nd})
(420)
\p{General_Category: Digit} \p{General_Category=Decimal_Number}
(420)
\p{General_Category: Enclosing_Mark} (Short: \p{Gc=Me}, \p{Me})
(12)
\p{General_Category: Final_Punctuation} (Short: \p{Gc=Pf}, \p{Pf})
(10)
\p{General_Category: Format} (Short: \p{Gc=Cf}, \p{Cf}) (140)
\p{General_Category: Initial_Punctuation} (Short: \p{Gc=Pi},
\p{Pi}) (12)
\p{General_Category: L} \p{General_Category=Letter} (100_520)
X \p{General_Category: L&} \p{General_Category=Cased_Letter} (3226)
X \p{General_Category: L_} \p{General_Category=Cased_Letter} (3226)
\p{General_Category: LC} \p{General_Category=Cased_Letter} (3226)
\p{General_Category: Letter} (Short: \p{Gc=L}, \p{L}) (100_520)
\p{General_Category: Letter_Number} (Short: \p{Gc=Nl}, \p{Nl})
(224)
\p{General_Category: Line_Separator} (Short: \p{Gc=Zl}, \p{Zl}) (1)
\p{General_Category: Ll} \p{General_Category=Lowercase_Letter}
(/i= General_Category=Cased_Letter)
(1759)
\p{General_Category: Lm} \p{General_Category=Modifier_Letter} (210)
\p{General_Category: Lo} \p{General_Category=Other_Letter} (97_084)
\p{General_Category: Lowercase_Letter} (Short: \p{Gc=Ll}, \p{Ll};
/i= General_Category=Cased_Letter) (1759)
\p{General_Category: Lt} \p{General_Category=Titlecase_Letter}
(/i= General_Category=Cased_Letter) (31)
\p{General_Category: Lu} \p{General_Category=Uppercase_Letter}
(/i= General_Category=Cased_Letter)
(1436)
\p{General_Category: M} \p{General_Category=Mark} (1498)
\p{General_Category: Mark} (Short: \p{Gc=M}, \p{M}) (1498)
\p{General_Category: Math_Symbol} (Short: \p{Gc=Sm}, \p{Sm}) (948)
\p{General_Category: Mc} \p{General_Category=Spacing_Mark} (287)
\p{General_Category: Me} \p{General_Category=Enclosing_Mark} (12)
\p{General_Category: Mn} \p{General_Category=Nonspacing_Mark}
(1199)
\p{General_Category: Modifier_Letter} (Short: \p{Gc=Lm}, \p{Lm})
(210)
\p{General_Category: Modifier_Symbol} (Short: \p{Gc=Sk}, \p{Sk})
(115)
\p{General_Category: N} \p{General_Category=Number} (1100)
\p{General_Category: Nd} \p{General_Category=Decimal_Number} (420)
\p{General_Category: Nl} \p{General_Category=Letter_Number} (224)
\p{General_Category: No} \p{General_Category=Other_Number} (456)
\p{General_Category: Nonspacing_Mark} (Short: \p{Gc=Mn}, \p{Mn})
(1199)
\p{General_Category: Number} (Short: \p{Gc=N}, \p{N}) (1100)
\p{General_Category: Open_Punctuation} (Short: \p{Gc=Ps}, \p{Ps})
(72)
\p{General_Category: Other} (Short: \p{Gc=C}, \p{C}) (1_004_868)
\p{General_Category: Other_Letter} (Short: \p{Gc=Lo}, \p{Lo})
(97_084)
\p{General_Category: Other_Number} (Short: \p{Gc=No}, \p{No}) (456)

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\p{General_Category: Other_Punctuation} (Short: \p{Gc=Po}, \p{Po})
(402)
\p{General_Category: Other_Symbol} (Short: \p{Gc=So}, \p{So})
(4398)
\p{General_Category: P} \p{General_Category=Punctuation} (598)
\p{General_Category: Paragraph_Separator} (Short: \p{Gc=Zp},
\p{Zp}) (1)
\p{General_Category: Pc} \p{General_Category=
Connector_Punctuation} (10)
\p{General_Category: Pd} \p{General_Category=Dash_Punctuation} (21)
\p{General_Category: Pe} \p{General_Category=Close_Punctuation}
(71)
\p{General_Category: Pf} \p{General_Category=Final_Punctuation}
(10)
\p{General_Category: Pi} \p{General_Category=Initial_Punctuation}
(12)
\p{General_Category: Po} \p{General_Category=Other_Punctuation}
(402)
\p{General_Category: Private_Use} (Short: \p{Gc=Co}, \p{Co})
(137_468)
\p{General_Category: Ps} \p{General_Category=Open_Punctuation} (72)
\p{General_Category: Punct} \p{General_Category=Punctuation} (598)
\p{General_Category: Punctuation} (Short: \p{Gc=P}, \p{P}) (598)
\p{General_Category: S} \p{General_Category=Symbol} (5508)
\p{General_Category: Sc} \p{General_Category=Currency_Symbol} (47)
\p{General_Category: Separator} (Short: \p{Gc=Z}, \p{Z}) (20)
\p{General_Category: Sk} \p{General_Category=Modifier_Symbol} (115)
\p{General_Category: Sm} \p{General_Category=Math_Symbol} (948)
\p{General_Category: So} \p{General_Category=Other_Symbol} (4398)
\p{General_Category: Space_Separator} (Short: \p{Gc=Zs}, \p{Zs})
(18)
\p{General_Category: Spacing_Mark} (Short: \p{Gc=Mc}, \p{Mc}) (287)
\p{General_Category: Surrogate} (Short: \p{Gc=Cs}, \p{Cs}) (2048)
\p{General_Category: Symbol} (Short: \p{Gc=S}, \p{S}) (5508)
\p{General_Category: Titlecase_Letter} (Short: \p{Gc=Lt}, \p{Lt};
/i= General_Category=Cased_Letter) (31)
\p{General_Category: Unassigned} (Short: \p{Gc=Cn}, \p{Cn})
(865_147)
\p{General_Category: Uppercase_Letter} (Short: \p{Gc=Lu}, \p{Lu};
/i= General_Category=Cased_Letter) (1436)
\p{General_Category: Z} \p{General_Category=Separator} (20)
\p{General_Category: Zl} \p{General_Category=Line_Separator} (1)
\p{General_Category: Zp} \p{General_Category=Paragraph_Separator}
(1)
\p{General_Category: Zs} \p{General_Category=Space_Separator} (18)
X \p{General_Punctuation} \p{Block=General_Punctuation} (112)
X \p{Geometric_Shapes} \p{Block=Geometric_Shapes} (96)
\p{Geor} \p{Georgian} (= \p{Script=Georgian}) (NOT
\p{Block=Georgian}) (120)
\p{Georgian} \p{Script=Georgian} (Short: \p{Geor}; NOT
\p{Block=Georgian}) (120)
X \p{Georgian_Supplement} \p{Block=Georgian_Supplement} (48)
\p{Glag} \p{Glagolitic} (= \p{Script=Glagolitic})
(NOT \p{Block=Glagolitic}) (94)
\p{Glagolitic} \p{Script=Glagolitic} (Short: \p{Glag};
NOT \p{Block=Glagolitic}) (94)

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<code>\p{Goth}</code>	<code>\p{Gothic} (= \p{Script=Gothic}) (NOT</code> <code>\p{Block=Gothic}) (27)</code>
<code>\p{Gothic}</code>	<code>\p{Script=Gothic} (Short: \p{Goth}; NOT</code> <code>\p{Block=Gothic}) (27)</code>
<code>\p{Gr_Base}</code>	<code>\p{Grapheme_Base} (= \p{Grapheme_Base=Y})</code> <code>(108_010)</code>
<code>\p{Gr_Base: *}</code>	<code>\p{Grapheme_Base: *}</code>
<code>\p{Gr_Ext}</code>	<code>\p{Grapheme_Extend} (= \p{Grapheme_Extend=</code> <code>Y}) (1234)</code>
<code>\p{Gr_Ext: *}</code>	<code>\p{Grapheme_Extend: *}</code>
<code>\p{Graph}</code>	Characters that are graphical (246_832)
<code>\p{Grapheme_Base}</code>	<code>\p{Grapheme_Base=Y} (Short: \p{GrBase})</code> <code>(108_010)</code>
<code>\p{Grapheme_Base: N*}</code>	(Short: <code>\p{GrBase=N}</code> , <code>\p{GrBase}</code> ) <code>(1_006_102)</code>
<code>\p{Grapheme_Base: Y*}</code>	(Short: <code>\p{GrBase=Y}</code> , <code>\p{GrBase}</code> ) (108_010)
<code>\p{Grapheme_Cluster_Break: CN}</code>	<code>\p{Grapheme_Cluster_Break=Control}</code> <code>(203)</code>
<code>\p{Grapheme_Cluster_Break: Control}</code>	(Short: <code>\p{GCB=CN}</code> ) (203)
<code>\p{Grapheme_Cluster_Break: CR}</code>	(Short: <code>\p{GCB=CR}</code> ) (1)
<code>\p{Grapheme_Cluster_Break: EX}</code>	<code>\p{Grapheme_Cluster_Break=Extend}</code> <code>(1234)</code>
<code>\p{Grapheme_Cluster_Break: Extend}</code>	(Short: <code>\p{GCB=EX}</code> ) (1234)
<code>\p{Grapheme_Cluster_Break: L}</code>	(Short: <code>\p{GCB=L}</code> ) (125)
<code>\p{Grapheme_Cluster_Break: LF}</code>	(Short: <code>\p{GCB=LF}</code> ) (1)
<code>\p{Grapheme_Cluster_Break: LV}</code>	(Short: <code>\p{GCB=LV}</code> ) (399)
<code>\p{Grapheme_Cluster_Break: LVT}</code>	(Short: <code>\p{GCB=LVT}</code> ) (10_773)
<code>\p{Grapheme_Cluster_Break: Other}</code>	(Short: <code>\p{GCB=XX}</code> ) (1_100_854)
<code>\p{Grapheme_Cluster_Break: PP}</code>	<code>\p{Grapheme_Cluster_Break=Prepend}</code> <code>(15)</code>
<code>\p{Grapheme_Cluster_Break: Prepend}</code>	(Short: <code>\p{GCB=PP}</code> ) (15)
<code>\p{Grapheme_Cluster_Break: SM}</code>	<code>\p{Grapheme_Cluster_Break=</code> <code>SpacingMark} (275)</code>
<code>\p{Grapheme_Cluster_Break: SpacingMark}</code>	(Short: <code>\p{GCB=SM}</code> ) (275)
<code>\p{Grapheme_Cluster_Break: T}</code>	(Short: <code>\p{GCB=T}</code> ) (137)
<code>\p{Grapheme_Cluster_Break: V}</code>	(Short: <code>\p{GCB=V}</code> ) (95)
<code>\p{Grapheme_Cluster_Break: XX}</code>	<code>\p{Grapheme_Cluster_Break=Other}</code> <code>(1_100_854)</code>
<code>\p{Grapheme_Extend}</code>	<code>\p{Grapheme_Extend=Y} (Short: \p{GrExt})</code> <code>(1234)</code>
<code>\p{Grapheme_Extend: N*}</code>	(Short: <code>\p{GrExt=N}</code> , <code>\p{GrExt}</code> ) (1_112_878)
<code>\p{Grapheme_Extend: Y*}</code>	(Short: <code>\p{GrExt=Y}</code> , <code>\p{GrExt}</code> ) (1234)
<code>\p{Greek}</code>	<code>\p{Script=Greek} (Short: \p{Grek}; NOT</code> <code>\p{Greek_And_Coptic}) (511)</code>
X <code>\p{Greek_And_Coptic}</code>	<code>\p{Block=Greek_And_Coptic} (Short:</code> <code>\p{InGreek}) (144)</code>
X <code>\p{Greek_Extended}</code>	<code>\p{Block=Greek_Extended} (256)</code>
<code>\p{Grek}</code>	<code>\p{Greek} (= \p{Script=Greek}) (NOT</code> <code>\p{Greek_And_Coptic}) (511)</code>
<code>\p{Gujarati}</code>	<code>\p{Script=Gujarati} (Short: \p{Gujr}; NOT</code> <code>\p{Block=Gujarati}) (83)</code>
<code>\p{Gujr}</code>	<code>\p{Gujarati} (= \p{Script=Gujarati}) (NOT</code> <code>\p{Block=Gujarati}) (83)</code>
<code>\p{Gurmukhi}</code>	<code>\p{Script=Gurmukhi} (Short: \p{Guru}; NOT</code> <code>\p{Block=Gurmukhi}) (79)</code>
<code>\p{Guru}</code>	<code>\p{Gurmukhi} (= \p{Script=Gurmukhi}) (NOT</code>

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\p{Block=Gurmukhi}) (79)
X \p{Halfwidth_And_Fullwidth_Forms} \p{Block=
    Halfwidth_And_Fullwidth_Forms} (240)
\p{Han} \p{Script=Han} (75_960)
\p{Hang} \p{Hangul} (= \p{Script=Hangul}) (11_739)
\p{Hangul} \p{Script=Hangul} (Short: \p{Hang})
    (11_739)
X \p{Hangul_Compatibility_Jamo} \p{Block=Hangul_Compatibility_Jamo}
    (96)
X \p{Hangul_Jamo} \p{Block=Hangul_Jamo} (256)
X \p{Hangul_Jamo_Extended_A} \p{Block=Hangul_Jamo_Extended_A} (32)
X \p{Hangul_Jamo_Extended_B} \p{Block=Hangul_Jamo_Extended_B} (80)
\p{Hangul_Syllable_Type: L} \p{Hangul_Syllable_Type=Leading_Jamo}
    (125)
\p{Hangul_Syllable_Type: Leading_Jamo} (Short: \p{Hst=L}) (125)
\p{Hangul_Syllable_Type: LV} \p{Hangul_Syllable_Type=LV_Syllable}
    (399)
\p{Hangul_Syllable_Type: LV_Syllable} (Short: \p{Hst=LV}) (399)
\p{Hangul_Syllable_Type: LVT} \p{Hangul_Syllable_Type=
    LVT_Syllable} (10_773)
\p{Hangul_Syllable_Type: LVT_Syllable} (Short: \p{Hst=LVT})
    (10_773)
\p{Hangul_Syllable_Type: NA} \p{Hangul_Syllable_Type=
    Not_Applicable} (1_102_583)
\p{Hangul_Syllable_Type: Not_Applicable} (Short: \p{Hst=NA})
    (1_102_583)
\p{Hangul_Syllable_Type: T} \p{Hangul_Syllable_Type=Trailing_Jamo}
    (137)
\p{Hangul_Syllable_Type: Trailing_Jamo} (Short: \p{Hst=T}) (137)
\p{Hangul_Syllable_Type: V} \p{Hangul_Syllable_Type=Vowel_Jamo}
    (95)
\p{Hangul_Syllable_Type: Vowel_Jamo} (Short: \p{Hst=V}) (95)
X \p{Hangul_Syllables} \p{Block=Hangul_Syllables} (11_184)
\p{Hani} \p{Han} (= \p{Script=Han}) (75_960)
\p{Hano} \p{Hanunoo} (= \p{Script=Hanunoo}) (NOT
    \p{Block=Hanunoo}) (21)
\p{Hanunoo} \p{Script=Hanunoo} (Short: \p{Hano}; NOT
    \p{Block=Hanunoo}) (21)
\p{Hebr} \p{Hebrew} (= \p{Script=Hebrew}) (NOT
    \p{Block=Hebrew}) (133)
\p{Hebrew} \p{Script=Hebrew} (Short: \p{Hebr}; NOT
    \p{Block=Hebrew}) (133)
\p{Hex} \p{XDigit} (= \p{Hex_Digit=Y}) (44)
\p{Hex: *} \p{Hex_Digit: *}
\p{Hex_Digit} \p{XDigit} (= \p{Hex_Digit=Y}) (44)
\p{Hex_Digit: N*} (Short: \p{Hex=N}, \p{Hex}) (1_114_068)
\p{Hex_Digit: Y*} (Short: \p{Hex=Y}, \p{Hex}) (44)
X \p{High_Private_Use_Surrogates} \p{Block=
    High_Private_Use_Surrogates} (128)
X \p{High_Surrogates} \p{Block=High_Surrogates} (896)
\p{Hira} \p{Hiragana} (= \p{Script=Hiragana}) (NOT
    \p{Block=Hiragana}) (91)
\p{Hiragana} \p{Script=Hiragana} (Short: \p{Hira}; NOT
    \p{Block=Hiragana}) (91)
\p{HorizSpace} \p{Blank} (19)
\p{Hst: *} \p{Hangul_Syllable_Type: *}

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D \p{Hyphen}	\p{Hyphen=Y} (11)
D \p{Hyphen: N*}	Supplanted by Line_Break property values; see <a href="http://www.unicode.org/reports/tr14">www.unicode.org/reports/tr14</a> (Single: \P{Hyphen}) (1_114_101)
D \p{Hyphen: Y*}	Supplanted by Line_Break property values; see <a href="http://www.unicode.org/reports/tr14">www.unicode.org/reports/tr14</a> (Single: \p{Hyphen}) (11)
\p{ID_Continue}	\p{ID_Continue=Y} (Short: \p{IDC}) (102_675)
\p{ID_Continue: N*}	(Short: \p{IDC=N}, \P{IDC}) (1_011_437)
\p{ID_Continue: Y*}	(Short: \p{IDC=Y}, \P{IDC}) (102_675)
\p{ID_Start}	\p{ID_Start=Y} (Short: \p{IDS}) (100_747)
\p{ID_Start: N*}	(Short: \p{IDS=N}, \P{IDS}) (1_013_365)
\p{ID_Start: Y*}	(Short: \p{IDS=Y}, \P{IDS}) (100_747)
\p{IDC}	\p{ID_Continue} (= \p{ID_Continue=Y}) (102_675)
\p{IDC: *}	\p{ID_Continue: *}
\p{Ideo}	\p{Ideographic} (= \p{Ideographic=Y}) (75_630)
\p{Ideo: *}	\p{Ideographic: *}
\p{Ideographic}	\p{Ideographic=Y} (Short: \p{Ideo}) (75_630)
\p{Ideographic: N*}	(Short: \p{Ideo=N}, \P{Ideo}) (1_038_482)
\p{Ideographic: Y*}	(Short: \p{Ideo=Y}, \P{Ideo}) (75_630)
X \p{Ideographic_Description_Characters}	\p{Block=Ideographic_Description_Characters} (16)
\p{IDS}	\p{ID_Start} (= \p{ID_Start=Y}) (100_747)
\p{IDS: *}	\p{ID_Start: *}
\p{IDS_Binary_Operator}	\p{IDS_Binary_Operator=Y} (Short: \p{IDSB}) (10)
\p{IDS_Binary_Operator: N*}	(Short: \p{IDSB=N}, \P{IDSB}) (1_114_102)
\p{IDS_Binary_Operator: Y*}	(Short: \p{IDSB=Y}, \P{IDSB}) (10)
\p{IDS_Tertiary_Operator}	\p{IDS_Tertiary_Operator=Y} (Short: \p{IDST}) (2)
\p{IDS_Tertiary_Operator: N*}	(Short: \p{IDST=N}, \P{IDST}) (1_114_110)
\p{IDS_Tertiary_Operator: Y*}	(Short: \p{IDST=Y}, \P{IDST}) (2)
\p{IDSB}	\p{IDS_Binary_Operator} (= \p{IDS_Binary_Operator=Y}) (10)
\p{IDSB: *}	\p{IDS_Binary_Operator: *}
\p{IDST}	\p{IDS_Tertiary_Operator} (= \p{IDS_Tertiary_Operator=Y}) (2)
\p{IDST: *}	\p{IDS_Tertiary_Operator: *}
\p{Imperial_Aramaic}	\p{Script=Imperial_Aramaic} (Short: \p{Armi}; NOT \p{Block= Imperial_Aramaic}) (31)
\p{In: *}	\p{Present_In: *} (Perl extension)
\p{In_*}	\p{Block: *}
\p{Inherited}	\p{Script=Inherited} (Short: \p{Zinh}) (523)
\p{Initial_Punctuation}	\p{General_Category=Initial_Punctuation} (Short: \p{Pi}) (12)
\p{Inscriptional_Pahlavi}	\p{Script=Inscriptional_Pahlavi} (Short: \p{Phli}; NOT \p{Block= Inscriptional_Pahlavi}) (27)

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\p{Inscriptional_Parthian} \p{Script=Inscriptional_Parthian}
    (Short: \p{Prti}; NOT \p{Block=
    Inscriptional_Parthian})) (30)
X \p{IPA_Extensions}      \p{Block=IPA_Extensions} (96)
\p{Is_*}                  \p{*} (Any exceptions are individually
                           noted beginning with the word NOT.) If
                           an entry has flag(s) at its beginning,
                           like 'D', the 'Is_' form has the same
                           flag(s)

\p{Ital}                  \p{Old_Italic} (= \p{Script=Old_Italic})
                           (NOT \p{Block=Old_Italic})) (35)
\p{Java}                  \p{Javanese} (= \p{Script=Javanese}) (NOT
                           \p{Block=Javanese})) (91)
\p{Javanese}              \p{Script=Javanese} (Short: \p{Java}; NOT
                           \p{Block=Javanese})) (91)
\p{Jg: *}                 \p{Joining_Group: *}
\p{Join_C}                \p{Join_Control} (= \p{Join_Control=Y}) (2)
\p{Join_C: *}             \p{Join_Control: *}
\p{Join_Control}          \p{Join_Control=Y} (Short: \p{JoinC}) (2)
\p{Join_Control: N*}      (Short: \p{JoinC=N}, \p{JoinC}) (1_114_110)
\p{Join_Control: Y*}      (Short: \p{JoinC=Y}, \p{JoinC}) (2)
\p{Joining_Group: Ain}    (Short: \p{Jg=Ain}) (7)
\p{Joining_Group: Alaph}  (Short: \p{Jg=Alaph}) (1)
\p{Joining_Group: Alef}   (Short: \p{Jg=Alef}) (10)
\p{Joining_Group: Beh}    (Short: \p{Jg=Beh}) (19)
\p{Joining_Group: Beth}   (Short: \p{Jg=Beth}) (2)
\p{Joining_Group: Burushaski_Yeh_Barree} (Short: \p{Jg=
    BurushaskiYehBarree})) (2)
\p{Joining_Group: Dal}    (Short: \p{Jg=Dal}) (14)
\p{Joining_Group: Dalath_Rish} (Short: \p{Jg=DalathRish}) (4)
\p{Joining_Group: E}      (Short: \p{Jg=E}) (1)
\p{Joining_Group: Farsi_Yeh} (Short: \p{Jg=FarsiYeh}) (7)
\p{Joining_Group: Fe}     (Short: \p{Jg=Fe}) (1)
\p{Joining_Group: Feh}    (Short: \p{Jg=Feh}) (9)
\p{Joining_Group: Final_Semkath} (Short: \p{Jg=FinalSemkath}) (1)
\p{Joining_Group: Gaf}    (Short: \p{Jg=Gaf}) (13)
\p{Joining_Group: Gamal}  (Short: \p{Jg=Gamal}) (3)
\p{Joining_Group: Hah}    (Short: \p{Jg=Hah}) (17)
\p{Joining_Group: Hamza_On_Heh_Goal} \p{Joining_Group=
    Teh_Marbuta_Goal} (1)
\p{Joining_Group: He}     (Short: \p{Jg=He}) (1)
\p{Joining_Group: Heh}    (Short: \p{Jg=Heh}) (1)
\p{Joining_Group: Heh_Goal} (Short: \p{Jg=HehGoal}) (2)
\p{Joining_Group: Heth}   (Short: \p{Jg=Heth}) (1)
\p{Joining_Group: Kaf}    (Short: \p{Jg=Kaf}) (5)
\p{Joining_Group: Kaph}   (Short: \p{Jg=Kaph}) (1)
\p{Joining_Group: Khaph}  (Short: \p{Jg=Khaph}) (1)
\p{Joining_Group: Knotted_Heh} (Short: \p{Jg=KnottedHeh}) (2)
\p{Joining_Group: Lam}    (Short: \p{Jg=Lam}) (6)
\p{Joining_Group: Lamadh} (Short: \p{Jg=Lamadh}) (1)
\p{Joining_Group: Meem}   (Short: \p{Jg=Meem}) (3)
\p{Joining_Group: Mim}    (Short: \p{Jg=Mim}) (1)
\p{Joining_Group: No_Joining_Group} (Short: \p{Jg=NoJoiningGroup})
    (1_113_882)
\p{Joining_Group: Noon}   (Short: \p{Jg=Noon}) (8)
\p{Joining_Group: Nun}    (Short: \p{Jg=Nun}) (1)

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\p{Joining_Group: Nya} (Short: \p{Jg=Nya}) (1)
\p{Joining_Group: Pe} (Short: \p{Jg=Pe}) (1)
\p{Joining_Group: Qaf} (Short: \p{Jg=Qaf}) (4)
\p{Joining_Group: Qaph} (Short: \p{Jg=Qaph}) (1)
\p{Joining_Group: Reh} (Short: \p{Jg=Reh}) (16)
\p{Joining_Group: Reversed_Pe} (Short: \p{Jg=ReversedPe}) (1)
\p{Joining_Group: Sad} (Short: \p{Jg=Sad}) (5)
\p{Joining_Group: Sadhe} (Short: \p{Jg=Sadhe}) (1)
\p{Joining_Group: Seen} (Short: \p{Jg=Seen}) (11)
\p{Joining_Group: Semkath} (Short: \p{Jg=Semkath}) (1)
\p{Joining_Group: Shin} (Short: \p{Jg=Shin}) (1)
\p{Joining_Group: Swash_Kaf} (Short: \p{Jg=SwashKaf}) (1)
\p{Joining_Group: Syriac_Waw} (Short: \p{Jg=SyriacWaw}) (1)
\p{Joining_Group: Tah} (Short: \p{Jg=Tah}) (3)
\p{Joining_Group: Taw} (Short: \p{Jg=Taw}) (1)
\p{Joining_Group: Teh_Marbuta} (Short: \p{Jg=TehMarbuta}) (3)
\p{Joining_Group: Teh_Marbuta_Goal} (Short: \p{Jg=TehMarbutaGoal})
(1)
\p{Joining_Group: Teth} (Short: \p{Jg=Teth}) (2)
\p{Joining_Group: Waw} (Short: \p{Jg=Waw}) (15)
\p{Joining_Group: Yeh} (Short: \p{Jg=Yeh}) (8)
\p{Joining_Group: Yeh_Barree} (Short: \p{Jg=YehBarree}) (2)
\p{Joining_Group: Yeh_With_Tail} (Short: \p{Jg=YehWithTail}) (1)
\p{Joining_Group: Yudh} (Short: \p{Jg=Yudh}) (1)
\p{Joining_Group: Yudh_He} (Short: \p{Jg=YudhHe}) (1)
\p{Joining_Group: Zain} (Short: \p{Jg=Zain}) (1)
\p{Joining_Group: Zhain} (Short: \p{Jg=Zhain}) (1)
\p{Joining_Type: C} \p{Joining_Type=Join_Causing} (3)
\p{Joining_Type: D} \p{Joining_Type=Dual_Joining} (189)
\p{Joining_Type: Dual_Joining} (Short: \p{Jt=D}) (189)
\p{Joining_Type: Join_Causing} (Short: \p{Jt=C}) (3)
\p{Joining_Type: L} \p{Joining_Type=Left_Joining} (0)
\p{Joining_Type: Left_Joining} (Short: \p{Jt=L}) (0)
\p{Joining_Type: Non_Joining} (Short: \p{Jt=U}) (1_112_502)
\p{Joining_Type: R} \p{Joining_Type=Right_Joining} (74)
\p{Joining_Type: Right_Joining} (Short: \p{Jt=R}) (74)
\p{Joining_Type: T} \p{Joining_Type=Transparent} (1344)
\p{Joining_Type: Transparent} (Short: \p{Jt=T}) (1344)
\p{Joining_Type: U} \p{Joining_Type=Non_Joining} (1_112_502)
\p{Jt: *} \p{Joining_Type: *}
\p{Kaithi} \p{Script=Kaithi} (Short: \p{Kthi}; NOT
\p{Block=Kaithi}) (66)
\p{Kali} \p{Kayah_Li} (= \p{Script=Kayah_Li}) (48)
\p{Kana} \p{Katakana} (= \p{Script=Katakana}) (NOT
\p{Block=Katakana}) (300)
X \p{Kana_Supplement} \p{Block=Kana_Supplement} (256)
X \p{Kanbun} \p{Block=Kanbun} (16)
X \p{Kangxi_Radicals} \p{Block=Kangxi_Radicals} (224)
\p{Kannada} \p{Script=Kannada} (Short: \p{Knda}; NOT
\p{Block=Kannada}) (86)
\p{Katakana} \p{Script=Katakana} (Short: \p{Kana}; NOT
\p{Block=Katakana}) (300)
X \p{Katakana_Phonetic_Extensions} \p{Block=
Katakana_Phonetic_Extensions} (16)
\p{Kayah_Li} \p{Script=Kayah_Li} (Short: \p{Kali}) (48)
\p{Khar} \p{Kharoshthi} (= \p{Script=Kharoshthi})

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	(NOT \p{Block=Kharoshthi}) (65)
\p{Kharoshthi}	\p{Script=Kharoshthi} (Short: \p{Khar}; NOT \p{Block=Kharoshthi}) (65)
\p{Khmer}	\p{Script=Khmer} (Short: \p{Khmr}; NOT \p{Block=Khmer}) (146)
X \p{Khmer_Symbols}	\p{Block=Khmer_Symbols} (32)
\p{Khmr}	\p{Khmer} (= \p{Script=Khmer}) (NOT \p{Block=Khmer}) (146)
\p{Knda}	\p{Kannada} (= \p{Script=Kannada}) (NOT \p{Block=Kannada}) (86)
\p{Kthi}	\p{Kaithi} (= \p{Script=Kaithi}) (NOT \p{Block=Kaithi}) (66)
\p{L}	\p{Letter} (= \p{General_Category=Letter}) (100_520)
\p{L&}	\p{Cased_Letter} (= \p{General_Category=Cased_Letter}) (3226)
\p{L_}	\p{Cased_Letter} (= \p{General_Category=Cased_Letter}) (3226)
\p{Lana}	\p{Tai_Tham} (= \p{Script=Tai_Tham}) (NOT \p{Block=Tai_Tham}) (127)
\p{Lao}	\p{Script=Lao} (NOT \p{Block=Lao}) (65)
\p{Laoo}	\p{Lao} (= \p{Script=Lao}) (NOT \p{Block=Lao}) (65)
\p{Latin}	\p{Script=Latin} (Short: \p{Latn}) (1267)
X \p{Latin_1}	\p{Latin_1_Supplement} (= \p{Block=Latin_1_Supplement}) (128)
X \p{Latin_1_Supplement}	\p{Block=Latin_1_Supplement} (Short: \p{InLatin1}) (128)
X \p{Latin_Extended_A}	\p{Block=Latin_Extended_A} (128)
X \p{Latin_Extended_Additional}	\p{Block=Latin_Extended_Additional} (256)
X \p{Latin_Extended_B}	\p{Block=Latin_Extended_B} (208)
X \p{Latin_Extended_C}	\p{Block=Latin_Extended_C} (32)
X \p{Latin_Extended_D}	\p{Block=Latin_Extended_D} (224)
\p{Latn}	\p{Latin} (= \p{Script=Latin}) (1267)
\p{Lb: *}	\p{Line_Break: *}
\p{LC}	\p{Cased_Letter} (= \p{General_Category=Cased_Letter}) (3226)
\p{Lepc}	\p{Lepcha} (= \p{Script=Lepcha}) (NOT \p{Block=Lepcha}) (74)
\p{Lepcha}	\p{Script=Lepcha} (Short: \p{Lepc}; NOT \p{Block=Lepcha}) (74)
\p{Letter}	\p{General_Category=Letter} (Short: \p{L}) (100_520)
\p{Letter_Number}	\p{General_Category=Letter_Number} (Short: \p{Nl}) (224)
X \p{Letterlike_Symbols}	\p{Block=Letterlike_Symbols} (80)
\p{Limb}	\p{Limbu} (= \p{Script=Limbu}) (NOT \p{Block=Limbu}) (66)
\p{Limbu}	\p{Script=Limbu} (Short: \p{Limb}; NOT \p{Block=Limbu}) (66)
\p{Linb}	\p{Linear_B} (= \p{Script=Linear_B}) (211)
\p{Line_Break: AI}	\p{Line_Break=Ambiguous} (724)
\p{Line_Break: AL}	\p{Line_Break=Alphabetic} (15_797)
\p{Line_Break: Alphabetic}	(Short: \p{Lb=AL}) (15_797)
\p{Line_Break: Ambiguous}	(Short: \p{Lb=AI}) (724)

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\p{Line_Break: B2}          \p{Line_Break=Break_Both} (1)
\p{Line_Break: BA}          \p{Line_Break=Break_After} (140)
\p{Line_Break: BB}          \p{Line_Break=Break_Before} (19)
\p{Line_Break: BK}          \p{Line_Break=Mandatory_Break} (4)
\p{Line_Break: Break_After} (Short: \p{Lb=BA}) (140)
\p{Line_Break: Break_Before} (Short: \p{Lb=BB}) (19)
\p{Line_Break: Break_Both} (Short: \p{Lb=B2}) (1)
\p{Line_Break: Break_Symbols} (Short: \p{Lb=SY}) (1)
\p{Line_Break: Carriage_Return} (Short: \p{Lb=CR}) (1)
\p{Line_Break: CB}          \p{Line_Break=Contingent_Break} (1)
\p{Line_Break: CL}          \p{Line_Break=Close_Punctuation} (87)
\p{Line_Break: Close_Parenthesis} (Short: \p{Lb=CP}) (2)
\p{Line_Break: Close_Punctuation} (Short: \p{Lb=CL}) (87)
\p{Line_Break: CM}          \p{Line_Break=Combining_Mark} (1483)
\p{Line_Break: Combining_Mark} (Short: \p{Lb=CM}) (1483)
\p{Line_Break: Complex_Context} (Short: \p{Lb=SA}) (663)
\p{Line_Break: Contingent_Break} (Short: \p{Lb=CB}) (1)
\p{Line_Break: CP}          \p{Line_Break=Close_Parenthesis} (2)
\p{Line_Break: CR}          \p{Line_Break=Carriage_Return} (1)
\p{Line_Break: EX}          \p{Line_Break=Exclamation} (34)
\p{Line_Break: Exclamation} (Short: \p{Lb=EX}) (34)
\p{Line_Break: GL}          \p{Line_Break=Glue} (18)
\p{Line_Break: Glue} (Short: \p{Lb=GL}) (18)
\p{Line_Break: H2}          (Short: \p{Lb=H2}) (399)
\p{Line_Break: H3}          (Short: \p{Lb=H3}) (10_773)
\p{Line_Break: HY}          \p{Line_Break=Hyphen} (1)
\p{Line_Break: Hyphen} (Short: \p{Lb=HY}) (1)
\p{Line_Break: ID}          \p{Line_Break=Ideographic} (161_793)
\p{Line_Break: Ideographic} (Short: \p{Lb=ID}) (161_793)
\p{Line_Break: IN}          \p{Line_Break=Inseparable} (4)
\p{Line_Break: Infix_Numeric} (Short: \p{Lb=IS}) (13)
\p{Line_Break: Inseparable} (Short: \p{Lb=IN}) (4)
\p{Line_Break: Inseperable} \p{Line_Break=Inseparable} (4)
\p{Line_Break: IS}          \p{Line_Break=Infix_Numeric} (13)
\p{Line_Break: JL}          (Short: \p{Lb=JL}) (125)
\p{Line_Break: JT}          (Short: \p{Lb=JT}) (137)
\p{Line_Break: JV}          (Short: \p{Lb=JV}) (95)
\p{Line_Break: LF}          \p{Line_Break=Line_Feed} (1)
\p{Line_Break: Line_Feed} (Short: \p{Lb=LF}) (1)
\p{Line_Break: Mandatory_Break} (Short: \p{Lb=BK}) (4)
\p{Line_Break: Next_Line} (Short: \p{Lb=NL}) (1)
\p{Line_Break: NL}          \p{Line_Break=Next_Line} (1)
\p{Line_Break: Nonstarter} (Short: \p{Lb=NS}) (77)
\p{Line_Break: NS}          \p{Line_Break=Nonstarter} (77)
\p{Line_Break: NU}          \p{Line_Break=Numeric} (412)
\p{Line_Break: Numeric} (Short: \p{Lb=NU}) (412)
\p{Line_Break: OP}          \p{Line_Break=Open_Punctuation} (81)
\p{Line_Break: Open_Punctuation} (Short: \p{Lb=OP}) (81)
\p{Line_Break: PO}          \p{Line_Break=Postfix_Numeric} (28)
\p{Line_Break: Postfix_Numeric} (Short: \p{Lb=PO}) (28)
\p{Line_Break: PR}          \p{Line_Break=Prefix_Numeric} (44)
\p{Line_Break: Prefix_Numeric} (Short: \p{Lb=PR}) (44)
\p{Line_Break: QU}          \p{Line_Break=Quotation} (34)
\p{Line_Break: Quotation} (Short: \p{Lb=QU}) (34)
\p{Line_Break: SA}          \p{Line_Break=Complex_Context} (663)
D \p{Line_Break: SG}          \p{Line_Break=Surrogate} (2048)
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	<code>\p{Line_Break: SP}</code>	<code>\p{Line_Break=Space}</code> (1)
	<code>\p{Line_Break: Space}</code>	(Short: <code>\p{Lb=SP}</code> ) (1)
D	<code>\p{Line_Break: Surrogate}</code>	Deprecated by Unicode because surrogates should never appear in well-formed text, and therefore shouldn't be the basis for line breaking (Short: <code>\p{Lb=SG}</code> ) (2048)
	<code>\p{Line_Break: SY}</code>	<code>\p{Line_Break=Break_Symbols}</code> (1)
	<code>\p{Line_Break: Unknown}</code>	(Short: <code>\p{Lb=XX}</code> ) (919_067)
	<code>\p{Line_Break: WJ}</code>	<code>\p{Line_Break=Word_Joiner}</code> (2)
	<code>\p{Line_Break: Word_Joiner}</code>	(Short: <code>\p{Lb=WJ}</code> ) (2)
	<code>\p{Line_Break: XX}</code>	<code>\p{Line_Break=Unknown}</code> (919_067)
	<code>\p{Line_Break: ZW}</code>	<code>\p{Line_Break=ZWSpace}</code> (1)
	<code>\p{Line_Break: ZWSpace}</code>	(Short: <code>\p{Lb=ZW}</code> ) (1)
	<code>\p{Line_Separator}</code>	<code>\p{General_Category=Line_Separator}</code> (Short: <code>\p{Zl}</code> ) (1)
	<code>\p{Linear_B}</code>	<code>\p{Script=Linear_B}</code> (Short: <code>\p{Linb}</code> ) (211)
X	<code>\p{Linear_B_Ideograms}</code>	<code>\p{Block=Linear_B_Ideograms}</code> (128)
X	<code>\p{Linear_B_Syllabary}</code>	<code>\p{Block=Linear_B_Syllabary}</code> (128)
	<code>\p{Lisu}</code>	<code>\p{Script=Lisu}</code> (48)
	<code>\p{Ll}</code>	<code>\p{Lowercase_Letter}</code> (= <code>\p{General_Category=Lowercase_Letter}</code> ) (/i= <code>General_Category=Cased_Letter</code> ) (1759)
	<code>\p{Lm}</code>	<code>\p{Modifier_Letter}</code> (= <code>\p{General_Category=Modifier_Letter}</code> ) (210)
	<code>\p{Lo}</code>	<code>\p{Other_Letter}</code> (= <code>\p{General_Category=Other_Letter}</code> ) (97_084)
	<code>\p{LOE}</code>	<code>\p{Logical_Order_Exception}</code> (= <code>\p{Logical_Order_Exception=Y}</code> ) (15)
	<code>\p{LOE: *}</code>	<code>\p{Logical_Order_Exception: *}</code>
	<code>\p{Logical_Order_Exception}</code>	<code>\p{Logical_Order_Exception=Y}</code> (Short: <code>\p{LOE}</code> ) (15)
	<code>\p{Logical_Order_Exception: N*}</code>	(Short: <code>\p{LOE=N}</code> , <code>\p{LOE}</code> ) (1_114_097)
	<code>\p{Logical_Order_Exception: Y*}</code>	(Short: <code>\p{LOE=Y}</code> , <code>\p{LOE}</code> ) (15)
X	<code>\p{Low_Surrogates}</code>	<code>\p{Block=Low_Surrogates}</code> (1024)
	<code>\p{Lower}</code>	<code>\p{Lowercase=Y}</code> (/i= <code>Cased=Yes</code> ) (1918)
	<code>\p{Lower: *}</code>	<code>\p{Lowercase: *}</code>
	<code>\p{Lowercase}</code>	<code>\p{Lower}</code> (= <code>\p{Lowercase=Y}</code> ) (/i= <code>Cased=Yes</code> ) (1918)
	<code>\p{Lowercase: N*}</code>	(Short: <code>\p{Lower=N}</code> , <code>\p{Lower}</code> ; /i= <code>Cased=No</code> ) (1_112_194)
	<code>\p{Lowercase: Y*}</code>	(Short: <code>\p{Lower=Y}</code> , <code>\p{Lower}</code> ; /i= <code>Cased=Yes</code> ) (1918)
	<code>\p{Lowercase_Letter}</code>	<code>\p{General_Category=Lowercase_Letter}</code> (Short: <code>\p{Ll}</code> ; /i= <code>General_Category=Cased_Letter</code> ) (1759)
	<code>\p{Lt}</code>	<code>\p{Titlecase_Letter}</code> (= <code>\p{General_Category=Titlecase_Letter}</code> ) (/i= <code>General_Category=Cased_Letter</code> ) (31)
	<code>\p{Lu}</code>	<code>\p{Uppercase_Letter}</code> (= <code>\p{General_Category=Uppercase_Letter}</code> ) (/i= <code>General_Category=Cased_Letter</code> ) (1436)
	<code>\p{Lyci}</code>	<code>\p{Lycian}</code> (= <code>\p{Script=Lycian}</code> ) (NOT

	$\backslash\mathrm{p}\{\mathrm{Block}=\mathrm{Lycian}\}$ (29)
$\backslash\mathrm{p}\{\mathrm{Lycian}\}$	$\backslash\mathrm{p}\{\mathrm{Script}=\mathrm{Lycian}\}$ (Short: $\backslash\mathrm{p}\{\mathrm{Lyci}\}$ ; NOT $\backslash\mathrm{p}\{\mathrm{Block}=\mathrm{Lycian}\}$ ) (29)
$\backslash\mathrm{p}\{\mathrm{Lydi}\}$	$\backslash\mathrm{p}\{\mathrm{Lydian}\}$ (= $\backslash\mathrm{p}\{\mathrm{Script}=\mathrm{Lydian}\}$ ) (NOT $\backslash\mathrm{p}\{\mathrm{Block}=\mathrm{Lydian}\}$ ) (27)
$\backslash\mathrm{p}\{\mathrm{Lydian}\}$	$\backslash\mathrm{p}\{\mathrm{Script}=\mathrm{Lydian}\}$ (Short: $\backslash\mathrm{p}\{\mathrm{Lydi}\}$ ; NOT $\backslash\mathrm{p}\{\mathrm{Block}=\mathrm{Lydian}\}$ ) (27)
$\backslash\mathrm{p}\{\mathrm{M}\}$	$\backslash\mathrm{p}\{\mathrm{Mark}\}$ (= $\backslash\mathrm{p}\{\mathrm{General\_Category}=\mathrm{Mark}\}$ ) (1498)
X $\backslash\mathrm{p}\{\mathrm{Mahjong\_Tiles}\}$	$\backslash\mathrm{p}\{\mathrm{Block}=\mathrm{Mahjong\_Tiles}\}$ (48)
$\backslash\mathrm{p}\{\mathrm{Malayalam}\}$	$\backslash\mathrm{p}\{\mathrm{Script}=\mathrm{Malayalam}\}$ (Short: $\backslash\mathrm{p}\{\mathrm{Mlym}\}$ ; NOT $\backslash\mathrm{p}\{\mathrm{Block}=\mathrm{Malayalam}\}$ ) (98)
$\backslash\mathrm{p}\{\mathrm{Mand}\}$	$\backslash\mathrm{p}\{\mathrm{Mandaic}\}$ (= $\backslash\mathrm{p}\{\mathrm{Script}=\mathrm{Mandaic}\}$ ) (NOT $\backslash\mathrm{p}\{\mathrm{Block}=\mathrm{Mandaic}\}$ ) (29)
$\backslash\mathrm{p}\{\mathrm{Mandaic}\}$	$\backslash\mathrm{p}\{\mathrm{Script}=\mathrm{Mandaic}\}$ (Short: $\backslash\mathrm{p}\{\mathrm{Mand}\}$ ; NOT $\backslash\mathrm{p}\{\mathrm{Block}=\mathrm{Mandaic}\}$ ) (29)
$\backslash\mathrm{p}\{\mathrm{Mark}\}$	$\backslash\mathrm{p}\{\mathrm{General\_Category}=\mathrm{Mark}\}$ (Short: $\backslash\mathrm{p}\{\mathrm{M}\}$ ) (1498)
$\backslash\mathrm{p}\{\mathrm{Math}\}$	$\backslash\mathrm{p}\{\mathrm{Math}=\mathrm{Y}\}$ (2165)
$\backslash\mathrm{p}\{\mathrm{Math: N^*}\}$	(Single: $\backslash\mathrm{p}\{\mathrm{Math}\}$ ) (1_111_947)
$\backslash\mathrm{p}\{\mathrm{Math: Y^*}\}$	(Single: $\backslash\mathrm{p}\{\mathrm{Math}\}$ ) (2165)
$\backslash\mathrm{p}\{\mathrm{Math\_Symbol}\}$	$\backslash\mathrm{p}\{\mathrm{General\_Category}=\mathrm{Math\_Symbol}\}$ (Short: $\backslash\mathrm{p}\{\mathrm{Sm}\}$ ) (948)
X $\backslash\mathrm{p}\{\mathrm{Mathematical\_Alphanumeric\_Symbols}\}$	$\backslash\mathrm{p}\{\mathrm{Block}=\mathrm{Mathematical\_Alphanumeric\_Symbols}\}$ (1024)
X $\backslash\mathrm{p}\{\mathrm{Mathematical\_Operators}\}$	$\backslash\mathrm{p}\{\mathrm{Block}=\mathrm{Mathematical\_Operators}\}$ (256)
$\backslash\mathrm{p}\{\mathrm{Mc}\}$	$\backslash\mathrm{p}\{\mathrm{Spacing\_Mark}\}$ (= $\backslash\mathrm{p}\{\mathrm{General\_Category}=\mathrm{Spacing\_Mark}\}$ ) (287)
$\backslash\mathrm{p}\{\mathrm{Me}\}$	$\backslash\mathrm{p}\{\mathrm{Enclosing\_Mark}\}$ (= $\backslash\mathrm{p}\{\mathrm{General\_Category}=\mathrm{Enclosing\_Mark}\}$ ) (12)
$\backslash\mathrm{p}\{\mathrm{Meetei\_Mayek}\}$	$\backslash\mathrm{p}\{\mathrm{Script}=\mathrm{Meetei\_Mayek}\}$ (Short: $\backslash\mathrm{p}\{\mathrm{Mtei}\}$ ; NOT $\backslash\mathrm{p}\{\mathrm{Block}=\mathrm{Meetei\_Mayek}\}$ ) (56)
X $\backslash\mathrm{p}\{\mathrm{Miscellaneous\_Mathematical\_Symbols\_A}\}$	$\backslash\mathrm{p}\{\mathrm{Block}=\mathrm{Miscellaneous\_Mathematical\_Symbols\_A}\}$ (48)
X $\backslash\mathrm{p}\{\mathrm{Miscellaneous\_Mathematical\_Symbols\_B}\}$	$\backslash\mathrm{p}\{\mathrm{Block}=\mathrm{Miscellaneous\_Mathematical\_Symbols\_B}\}$ (128)
X $\backslash\mathrm{p}\{\mathrm{Miscellaneous\_Symbols}\}$	$\backslash\mathrm{p}\{\mathrm{Block}=\mathrm{Miscellaneous\_Symbols}\}$ (256)
X $\backslash\mathrm{p}\{\mathrm{Miscellaneous\_Symbols\_And\_Arrows}\}$	$\backslash\mathrm{p}\{\mathrm{Block}=\mathrm{Miscellaneous\_Symbols\_And\_Arrows}\}$ (256)
X $\backslash\mathrm{p}\{\mathrm{Miscellaneous\_Symbols\_And\_Pictographs}\}$	$\backslash\mathrm{p}\{\mathrm{Block}=\mathrm{Miscellaneous\_Symbols\_And\_Pictographs}\}$ (768)
X $\backslash\mathrm{p}\{\mathrm{Miscellaneous\_Technical}\}$	$\backslash\mathrm{p}\{\mathrm{Block}=\mathrm{Miscellaneous\_Technical}\}$ (256)
$\backslash\mathrm{p}\{\mathrm{Mlym}\}$	$\backslash\mathrm{p}\{\mathrm{Malayalam}\}$ (= $\backslash\mathrm{p}\{\mathrm{Script}=\mathrm{Malayalam}\}$ ) (NOT $\backslash\mathrm{p}\{\mathrm{Block}=\mathrm{Malayalam}\}$ ) (98)
$\backslash\mathrm{p}\{\mathrm{Mn}\}$	$\backslash\mathrm{p}\{\mathrm{Nonspacing\_Mark}\}$ (= $\backslash\mathrm{p}\{\mathrm{General\_Category}=\mathrm{Nonspacing\_Mark}\}$ ) (1199)
$\backslash\mathrm{p}\{\mathrm{Modifier\_Letter}\}$	$\backslash\mathrm{p}\{\mathrm{General\_Category}=\mathrm{Modifier\_Letter}\}$ (Short: $\backslash\mathrm{p}\{\mathrm{Lm}\}$ ) (210)
$\backslash\mathrm{p}\{\mathrm{Modifier\_Symbol}\}$	$\backslash\mathrm{p}\{\mathrm{General\_Category}=\mathrm{Modifier\_Symbol}\}$ (Short: $\backslash\mathrm{p}\{\mathrm{Sk}\}$ ) (115)
X $\backslash\mathrm{p}\{\mathrm{Modifier\_Tone\_Letters}\}$	$\backslash\mathrm{p}\{\mathrm{Block}=\mathrm{Modifier\_Tone\_Letters}\}$ (32)
$\backslash\mathrm{p}\{\mathrm{Mong}\}$	$\backslash\mathrm{p}\{\mathrm{Mongolian}\}$ (= $\backslash\mathrm{p}\{\mathrm{Script}=\mathrm{Mongolian}\}$ )

	(NOT \p{Block=Mongolian}) (153)
\p{Mongolian}	\p{Script=Mongolian} (Short: \p{Mong}; NOT \p{Block=Mongolian}) (153)
\p{Mtei}	\p{Meetei_Mayek} (= \p{Script=Meetei_Mayek}) (NOT \p{Block=Meetei_Mayek}) (56)
X \p{Musical_Symbols}	\p{Block=Musical_Symbols} (256)
\p{Myanmar}	\p{Script=Myanmar} (Short: \p{Mymr}; NOT \p{Block=Myanmar}) (188)
X \p{Myanmar_Extended_A}	\p{Block=Myanmar_Extended_A} (32)
\p{Mymr}	\p{Myanmar} (= \p{Script=Myanmar}) (NOT \p{Block=Myanmar}) (188)
\p{N}	\p{Number} (= \p{General_Category=Number}) (1100)
\p{NChar}	\p{Noncharacter_Code_Point} (= \p{Noncharacter_Code_Point=Y}) (66)
\p{NChar: *}	\p{Noncharacter_Code_Point: *}
\p{Nd}	\p{Digit} (= \p{General_Category=Decimal_Number}) (420)
\p{New_Tai_Lue}	\p{Script=New_Tai_Lue} (Short: \p{Talu}; NOT \p{Block=New_Tai_Lue}) (83)
\p{NFC_QC: *}	\p{NFC_Quick_Check: *}
\p{NFC_Quick_Check: M}	\p{NFC_Quick_Check=Maybe} (103)
\p{NFC_Quick_Check: Maybe}	(Short: \p{NFCQC=M}) (103)
\p{NFC_Quick_Check: N}	\p{NFC_Quick_Check=No} (NOT \p{NFC_Quick_Check} NOR \p{NFC_QC} NOR \p{Is_NFC_Quick_Check} NOR \p{Is_NFC_QC}) (1118)
\p{NFC_Quick_Check: No}	(Short: \p{NFCQC=N}; NOT \p{NFC_Quick_Check} NOR \p{NFC_QC} NOR \p{Is_NFC_Quick_Check} NOR \p{Is_NFC_QC}) (1118)
\p{NFC_Quick_Check: Y}	\p{NFC_Quick_Check=Yes} (NOT \p{NFC_Quick_Check} NOR \p{NFC_QC} NOR \p{Is_NFC_Quick_Check} NOR \p{Is_NFC_QC}) (1_112_891)
\p{NFC_Quick_Check: Yes}	(Short: \p{NFCQC=Y}; NOT \p{NFC_Quick_Check} NOR \p{NFC_QC} NOR \p{Is_NFC_Quick_Check} NOR \p{Is_NFC_QC}) (1_112_891)
\p{NFD_QC: *}	\p{NFD_Quick_Check: *}
\p{NFD_Quick_Check: N}	\p{NFD_Quick_Check=No} (NOT \p{NFD_Quick_Check} NOR \p{NFD_QC} NOR \p{Is_NFD_Quick_Check} NOR \p{Is_NFD_QC}) (13_221)
\p{NFD_Quick_Check: No}	(Short: \p{NFDQC=N}; NOT \p{NFD_Quick_Check} NOR \p{NFD_QC} NOR \p{Is_NFD_Quick_Check} NOR \p{Is_NFD_QC}) (13_221)
\p{NFD_Quick_Check: Y}	\p{NFD_Quick_Check=Yes} (NOT \p{NFD_Quick_Check} NOR \p{NFD_QC} NOR \p{Is_NFD_Quick_Check} NOR \p{Is_NFD_QC}) (1_100_891)
\p{NFD_Quick_Check: Yes}	(Short: \p{NFDQC=Y}; NOT \p{NFD_Quick_Check} NOR \p{NFD_QC} NOR \p{Is_NFD_Quick_Check} NOR

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\p{Is_NFD_QC}) (1_100_891)
\p{NFKC_QC: *} \p{NFKC_Quick_Check: *}
\p{NFKC_Quick_Check: M} \p{NFKC_Quick_Check=Maybe} (103)
\p{NFKC_Quick_Check: Maybe} (Short: \p{NFKCQC=M}) (103)
\p{NFKC_Quick_Check: N} \p{NFKC_Quick_Check=No} (NOT
\p{NFKC_Quick_Check} NOR \p{NFKC_QC} NOR
\p{Is_NFKC_Quick_Check} NOR
\p{Is_NFKC_QC}) (4640)
\p{NFKC_Quick_Check: No} (Short: \p{NFKCQC=N}; NOT
\p{NFKC_Quick_Check} NOR \p{NFKC_QC} NOR
\p{Is_NFKC_Quick_Check} NOR
\p{Is_NFKC_QC}) (4640)
\p{NFKC_Quick_Check: Y} \p{NFKC_Quick_Check=Yes} (NOT
\p{NFKC_Quick_Check} NOR \p{NFKC_QC} NOR
\p{Is_NFKC_Quick_Check} NOR
\p{Is_NFKC_QC}) (1_109_369)
\p{NFKC_Quick_Check: Yes} (Short: \p{NFKCQC=Y}; NOT
\p{NFKC_Quick_Check} NOR \p{NFKC_QC} NOR
\p{Is_NFKC_Quick_Check} NOR
\p{Is_NFKC_QC}) (1_109_369)
\p{NFKD_QC: *} \p{NFKD_Quick_Check: *}
\p{NFKD_Quick_Check: N} \p{NFKD_Quick_Check=No} (NOT
\p{NFKD_Quick_Check} NOR \p{NFKD_QC} NOR
\p{Is_NFKD_Quick_Check} NOR
\p{Is_NFKD_QC}) (16_731)
\p{NFKD_Quick_Check: No} (Short: \p{NFKDQC=N}; NOT
\p{NFKD_Quick_Check} NOR \p{NFKD_QC} NOR
\p{Is_NFKD_Quick_Check} NOR
\p{Is_NFKD_QC}) (16_731)
\p{NFKD_Quick_Check: Y} \p{NFKD_Quick_Check=Yes} (NOT
\p{NFKD_Quick_Check} NOR \p{NFKD_QC} NOR
\p{Is_NFKD_Quick_Check} NOR
\p{Is_NFKD_QC}) (1_097_381)
\p{NFKD_Quick_Check: Yes} (Short: \p{NFKDQC=Y}; NOT
\p{NFKD_Quick_Check} NOR \p{NFKD_QC} NOR
\p{Is_NFKD_Quick_Check} NOR
\p{Is_NFKD_QC}) (1_097_381)
\p{Nko} \p{Script=Nko} (NOT \p{Nko}) (59)
\p{Nkoo} \p{Nko} (= \p{Script=Nko}) (NOT \p{Nko})
(59)
\p{Nl} \p{Letter_Number} (= \p{General_Category=
Letter_Number}) (224)
\p{No} \p{Other_Number} (= \p{General_Category=
Other_Number}) (456)
X \p{No_Block} \p{Block=No_Block} (861_664)
\p{Noncharacter_Code_Point} \p{Noncharacter_Code_Point=Y} (Short:
\p{NChar}) (66)
\p{Noncharacter_Code_Point: N*} (Short: \p{NChar=N}, \p{NChar})
(1_114_046)
\p{Noncharacter_Code_Point: Y*} (Short: \p{NChar=Y}, \p{NChar})
(66)
\p{Nonspacing_Mark} \p{General_Category=Nonspacing_Mark}
(Short: \p{Mn}) (1199)
\p{Nt: *} \p{Numeric_Type: *}
\p{Number} \p{General_Category=Number} (Short: \p{N})
(1100)

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X \p{Number_Forms}          \p{Block=Number_Forms} (64)
  \p{Numeric_Type: De}      \p{Numeric_Type=Decimal} (420)
  \p{Numeric_Type: Decimal} (Short: \p{Nt=De}) (420)
  \p{Numeric_Type: Di}      \p{Numeric_Type=Digit} (128)
  \p{Numeric_Type: Digit}   (Short: \p{Nt=Di}) (128)
  \p{Numeric_Type: None}    (Short: \p{Nt=None}) (1_112_935)
  \p{Numeric_Type: Nu}      \p{Numeric_Type=Numeric} (629)
  \p{Numeric_Type: Numeric} (Short: \p{Nt=Nu}) (629)
T \p{Numeric_Value: -1/2}   (Short: \p{Nv=-1/2}) (1)
T \p{Numeric_Value: 0}      (Short: \p{Nv=0}) (56)
T \p{Numeric_Value: 1/16}   (Short: \p{Nv=1/16}) (3)
T \p{Numeric_Value: 1/10}   (Short: \p{Nv=1/10}) (1)
T \p{Numeric_Value: 1/9}    (Short: \p{Nv=1/9}) (1)
T \p{Numeric_Value: 1/8}    (Short: \p{Nv=1/8}) (5)
T \p{Numeric_Value: 1/7}    (Short: \p{Nv=1/7}) (1)
T \p{Numeric_Value: 1/6}    (Short: \p{Nv=1/6}) (2)
T \p{Numeric_Value: 3/16}   (Short: \p{Nv=3/16}) (3)
T \p{Numeric_Value: 1/5}    (Short: \p{Nv=1/5}) (1)
T \p{Numeric_Value: 1/4}    (Short: \p{Nv=1/4}) (9)
T \p{Numeric_Value: 1/3}    (Short: \p{Nv=1/3}) (4)
T \p{Numeric_Value: 3/8}    (Short: \p{Nv=3/8}) (1)
T \p{Numeric_Value: 2/5}    (Short: \p{Nv=2/5}) (1)
T \p{Numeric_Value: 1/2}    (Short: \p{Nv=1/2}) (10)
T \p{Numeric_Value: 3/5}    (Short: \p{Nv=3/5}) (1)
T \p{Numeric_Value: 5/8}    (Short: \p{Nv=5/8}) (1)
T \p{Numeric_Value: 2/3}    (Short: \p{Nv=2/3}) (5)
T \p{Numeric_Value: 3/4}    (Short: \p{Nv=3/4}) (6)
T \p{Numeric_Value: 4/5}    (Short: \p{Nv=4/5}) (1)
T \p{Numeric_Value: 5/6}    (Short: \p{Nv=5/6}) (2)
T \p{Numeric_Value: 7/8}    (Short: \p{Nv=7/8}) (1)
T \p{Numeric_Value: 1}      (Short: \p{Nv=1}) (93)
T \p{Numeric_Value: 3/2}    (Short: \p{Nv=3/2}) (1)
T \p{Numeric_Value: 2}      (Short: \p{Nv=2}) (96)
T \p{Numeric_Value: 5/2}    (Short: \p{Nv=5/2}) (1)
T \p{Numeric_Value: 3}      (Short: \p{Nv=3}) (98)
T \p{Numeric_Value: 7/2}    (Short: \p{Nv=7/2}) (1)
T \p{Numeric_Value: 4}      (Short: \p{Nv=4}) (89)
T \p{Numeric_Value: 9/2}    (Short: \p{Nv=9/2}) (1)
T \p{Numeric_Value: 5}      (Short: \p{Nv=5}) (86)
T \p{Numeric_Value: 11/2}   (Short: \p{Nv=11/2}) (1)
T \p{Numeric_Value: 6}      (Short: \p{Nv=6}) (78)
T \p{Numeric_Value: 13/2}   (Short: \p{Nv=13/2}) (1)
T \p{Numeric_Value: 7}      (Short: \p{Nv=7}) (77)
T \p{Numeric_Value: 15/2}   (Short: \p{Nv=15/2}) (1)
T \p{Numeric_Value: 8}      (Short: \p{Nv=8}) (73)
T \p{Numeric_Value: 17/2}   (Short: \p{Nv=17/2}) (1)
T \p{Numeric_Value: 9}      (Short: \p{Nv=9}) (77)
T \p{Numeric_Value: 10}     (Short: \p{Nv=10}) (39)
T \p{Numeric_Value: 11}     (Short: \p{Nv=11}) (6)
T \p{Numeric_Value: 12}     (Short: \p{Nv=12}) (6)
T \p{Numeric_Value: 13}     (Short: \p{Nv=13}) (4)
T \p{Numeric_Value: 14}     (Short: \p{Nv=14}) (4)
T \p{Numeric_Value: 15}     (Short: \p{Nv=15}) (4)
T \p{Numeric_Value: 16}     (Short: \p{Nv=16}) (5)
T \p{Numeric_Value: 17}     (Short: \p{Nv=17}) (5)
T \p{Numeric_Value: 18}     (Short: \p{Nv=18}) (5)

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T \p{Numeric_Value: 19} (Short: \p{Nv=19}) (5)
T \p{Numeric_Value: 20} (Short: \p{Nv=20}) (18)
T \p{Numeric_Value: 21} (Short: \p{Nv=21}) (1)
T \p{Numeric_Value: 22} (Short: \p{Nv=22}) (1)
T \p{Numeric_Value: 23} (Short: \p{Nv=23}) (1)
T \p{Numeric_Value: 24} (Short: \p{Nv=24}) (1)
T \p{Numeric_Value: 25} (Short: \p{Nv=25}) (1)
T \p{Numeric_Value: 26} (Short: \p{Nv=26}) (1)
T \p{Numeric_Value: 27} (Short: \p{Nv=27}) (1)
T \p{Numeric_Value: 28} (Short: \p{Nv=28}) (1)
T \p{Numeric_Value: 29} (Short: \p{Nv=29}) (1)
T \p{Numeric_Value: 30} (Short: \p{Nv=30}) (10)
T \p{Numeric_Value: 31} (Short: \p{Nv=31}) (1)
T \p{Numeric_Value: 32} (Short: \p{Nv=32}) (1)
T \p{Numeric_Value: 33} (Short: \p{Nv=33}) (1)
T \p{Numeric_Value: 34} (Short: \p{Nv=34}) (1)
T \p{Numeric_Value: 35} (Short: \p{Nv=35}) (1)
T \p{Numeric_Value: 36} (Short: \p{Nv=36}) (1)
T \p{Numeric_Value: 37} (Short: \p{Nv=37}) (1)
T \p{Numeric_Value: 38} (Short: \p{Nv=38}) (1)
T \p{Numeric_Value: 39} (Short: \p{Nv=39}) (1)
T \p{Numeric_Value: 40} (Short: \p{Nv=40}) (9)
T \p{Numeric_Value: 41} (Short: \p{Nv=41}) (1)
T \p{Numeric_Value: 42} (Short: \p{Nv=42}) (1)
T \p{Numeric_Value: 43} (Short: \p{Nv=43}) (1)
T \p{Numeric_Value: 44} (Short: \p{Nv=44}) (1)
T \p{Numeric_Value: 45} (Short: \p{Nv=45}) (1)
T \p{Numeric_Value: 46} (Short: \p{Nv=46}) (1)
T \p{Numeric_Value: 47} (Short: \p{Nv=47}) (1)
T \p{Numeric_Value: 48} (Short: \p{Nv=48}) (1)
T \p{Numeric_Value: 49} (Short: \p{Nv=49}) (1)
T \p{Numeric_Value: 50} (Short: \p{Nv=50}) (19)
T \p{Numeric_Value: 60} (Short: \p{Nv=60}) (5)
T \p{Numeric_Value: 70} (Short: \p{Nv=70}) (5)
T \p{Numeric_Value: 80} (Short: \p{Nv=80}) (5)
T \p{Numeric_Value: 90} (Short: \p{Nv=90}) (6)
T \p{Numeric_Value: 100} (Short: \p{Nv=100}) (20)
T \p{Numeric_Value: 200} (Short: \p{Nv=200}) (2)
T \p{Numeric_Value: 300} (Short: \p{Nv=300}) (3)
T \p{Numeric_Value: 400} (Short: \p{Nv=400}) (2)
T \p{Numeric_Value: 500} (Short: \p{Nv=500}) (12)
T \p{Numeric_Value: 600} (Short: \p{Nv=600}) (2)
T \p{Numeric_Value: 700} (Short: \p{Nv=700}) (2)
T \p{Numeric_Value: 800} (Short: \p{Nv=800}) (2)
T \p{Numeric_Value: 900} (Short: \p{Nv=900}) (3)
T \p{Numeric_Value: 1000} (Short: \p{Nv=1000}) (17)
T \p{Numeric_Value: 2000} (Short: \p{Nv=2000}) (1)
T \p{Numeric_Value: 3000} (Short: \p{Nv=3000}) (1)
T \p{Numeric_Value: 4000} (Short: \p{Nv=4000}) (1)
T \p{Numeric_Value: 5000} (Short: \p{Nv=5000}) (5)
T \p{Numeric_Value: 6000} (Short: \p{Nv=6000}) (1)
T \p{Numeric_Value: 7000} (Short: \p{Nv=7000}) (1)
T \p{Numeric_Value: 8000} (Short: \p{Nv=8000}) (1)
T \p{Numeric_Value: 9000} (Short: \p{Nv=9000}) (1)
T \p{Numeric_Value: 10000} (= 1.0e+04) (Short: \p{Nv=10000}) (7)
T \p{Numeric_Value: 20000} (= 2.0e+04) (Short: \p{Nv=20000}) (1)

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T \p{Numeric_Value: 30000} (= 3.0e+04) (Short: \p{Nv=30000}) (1)
T \p{Numeric_Value: 40000} (= 4.0e+04) (Short: \p{Nv=40000}) (1)
T \p{Numeric_Value: 50000} (= 5.0e+04) (Short: \p{Nv=50000}) (4)
T \p{Numeric_Value: 60000} (= 6.0e+04) (Short: \p{Nv=60000}) (1)
T \p{Numeric_Value: 70000} (= 7.0e+04) (Short: \p{Nv=70000}) (1)
T \p{Numeric_Value: 80000} (= 8.0e+04) (Short: \p{Nv=80000}) (1)
T \p{Numeric_Value: 90000} (= 9.0e+04) (Short: \p{Nv=90000}) (1)
T \p{Numeric_Value: 100000} (= 1.0e+05) (Short: \p{Nv=100000}) (1)
T \p{Numeric_Value: 100000000} (= 1.0e+08) (Short: \p{Nv=100000000})
    (2)
T \p{Numeric_Value: 1000000000000} (= 1.0e+12) (Short: \p{Nv=
    1000000000000}) (1)
    \p{Numeric_Value: NaN} (Short: \p{Nv=NaN}) (1_112_935)
    \p{Nv: *} \p{Numeric_Value: *}
D \p{OAlpha} \p{Other_Alphabetic} (=
    \p{Other_Alphabetic=Y}) (795)
D \p{OAlpha: *} \p{Other_Alphabetic: *}
D \p{ODI} \p{Other_Default_Ignorable_Code_Point} (=
    \p{Other_Default_Ignorable_Code_Point=
    Y}) (3778)
D \p{ODI: *} \p{Other_Default_Ignorable_Code_Point: *}
    \p{Ogam} \p{Ogham} (= \p{Script=Ogham}) (NOT
    \p{Block=Ogham}) (29)
    \p{Ogham} \p{Script=Ogham} (Short: \p{Ogam}; NOT
    \p{Block=Ogham}) (29)
D \p{OGr_Ext} \p{Other_Grapheme_Extend} (=
    \p{Other_Grapheme_Extend=Y}) (23)
D \p{OGr_Ext: *} \p{Other_Grapheme_Extend: *}
D \p{OIDC} \p{Other_ID_Continue} (=
    \p{Other_ID_Continue=Y}) (12)
D \p{OIDC: *} \p{Other_ID_Continue: *}
D \p{OIDS} \p{Other_ID_Start} (= \p{Other_ID_Start=
    Y}) (4)
D \p{OIDS: *} \p{Other_ID_Start: *}
    \p{Ol_Chiki} \p{Script=Ol_Chiki} (Short: \p{Olck}) (48)
    \p{Olck} \p{Ol_Chiki} (= \p{Script=Ol_Chiki}) (48)
    \p{Old_Italic} \p{Script=Old_Italic} (Short: \p{Ital};
    NOT \p{Block=Old_Italic}) (35)
    \p{Old_Persian} \p{Script=Old_Persian} (Short: \p{Xpeo};
    NOT \p{Block=Old_Persian}) (50)
    \p{Old_South_Arabian} \p{Script=Old_South_Arabian} (Short:
    \p{Sarab}) (32)
    \p{Old_Turkic} \p{Script=Old_Turkic} (Short: \p{Orkh};
    NOT \p{Block=Old_Turkic}) (73)
D \p{OLower} \p{Other_Lowercase} (= \p{Other_Lowercase=
    Y}) (159)
D \p{OLower: *} \p{Other_Lowercase: *}
D \p{OMath} \p{Other_Math} (= \p{Other_Math=Y}) (1217)
D \p{OMath: *} \p{Other_Math: *}
    \p{Open_Punctuation} \p{General_Category=Open_Punctuation}
    (Short: \p{Ps}) (72)
X \p{Optical_Character_Recognition} \p{Block=
    Optical_Character_Recognition} (32)
    \p{Oriya} \p{Script=Oriya} (Short: \p{Orya}; NOT
    \p{Block=Oriya}) (90)
    \p{Orkh} \p{Old_Turkic} (= \p{Script=Old_Turkic})

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	(NOT \p{Block=Old_Turkic}) (73)
\p{Orya}	\p{Oriya} (= \p{Script=Oriya}) (NOT \p{Block=Oriya}) (90)
\p{Osma}	\p{Osmanya} (= \p{Script=Osmanya}) (NOT \p{Block=Osmanya}) (40)
\p{Osmanya}	\p{Script=Osmanya} (Short: \p{Osma}; NOT \p{Block=Osmanya}) (40)
\p{Other}	\p{General_Category=Other} (Short: \p{C}) (1_004_868)
D \p{Other_Alphabetic}	\p{Other_Alphabetic=Y} (Short: \p{OAlpha}) (795)
D \p{Other_Alphabetic: N*}	Used by Unicode internally for generating the Alphabetic property (which should be used instead) and not intended to be used stand-alone (Short: \p{OAlpha=N}, \P{OAlpha}) (1_113_317)
D \p{Other_Alphabetic: Y*}	Used by Unicode internally for generating the Alphabetic property (which should be used instead) and not intended to be used stand-alone (Short: \p{OAlpha=Y}, \P{OAlpha}) (795)
D \p{Other_Default_Ignorable_Code_Point}	\p{Other_Default_Ignorable_Code_Point=Y} (Short: \p{ODI}) (3778)
D \p{Other_Default_Ignorable_Code_Point: N*}	Used by Unicode internally for generating the Default_Ignorable_Code_Point property (which should be used instead) and not intended to be used stand-alone (Short: \p{ODI=N}, \P{ODI}) (1_110_334)
D \p{Other_Default_Ignorable_Code_Point: Y*}	Used by Unicode internally for generating the Default_Ignorable_Code_Point property (which should be used instead) and not intended to be used stand-alone (Short: \p{ODI=Y}, \P{ODI}) (3778)
D \p{Other_Grapheme_Extend}	\p{Other_Grapheme_Extend=Y} (Short: \p{OGrExt}) (23)
D \p{Other_Grapheme_Extend: N*}	Used by Unicode internally for generating the Grapheme_Extend property (which should be used instead) and not intended to be used stand-alone (Short: \p{OGrExt=N}, \P{OGrExt}) (1_114_089)
D \p{Other_Grapheme_Extend: Y*}	Used by Unicode internally for generating the Grapheme_Extend property (which should be used instead) and not intended to be used stand-alone (Short: \p{OGrExt=Y}, \P{OGrExt}) (23)
D \p{Other_ID_Continue}	\p{Other_ID_Continue=Y} (Short: \p{OIDC}) (12)
D \p{Other_ID_Continue: N*}	Used by Unicode internally for generating the ID_Continue property (which should be used instead) and not intended to be used stand-alone (Short: \p{OIDC=N}, \P{OIDC}) (1_114_100)
D \p{Other_ID_Continue: Y*}	Used by Unicode internally for

	generating the ID_Continue property (which should be used instead) and not intended to be used stand-alone (Short: \p{OIDC=Y}, \p{OIDC}) (12)
D \p{Other_ID_Start}	\p{Other_ID_Start=Y} (Short: \p{OIDS}) (4)
D \p{Other_ID_Start: N*}	Used by Unicode internally for generating the ID_Start property (which should be used instead) and not intended to be used stand-alone (Short: \p{OIDS=N}, \p{OIDS}) (1_114_108)
D \p{Other_ID_Start: Y*}	Used by Unicode internally for generating the ID_Start property (which should be used instead) and not intended to be used stand-alone (Short: \p{OIDS=Y}, \p{OIDS}) (4)
\p{Other_Letter}	\p{General_Category=Other_Letter} (Short: \p{Lo}) (97_084)
D \p{Other_Lowercase}	\p{Other_Lowercase=Y} (Short: \p{OLower}) (159)
D \p{Other_Lowercase: N*}	Used by Unicode internally for generating the Lowercase property (which should be used instead) and not intended to be used stand-alone (Short: \p{OLower=N}, \p{OLower}) (1_113_953)
D \p{Other_Lowercase: Y*}	Used by Unicode internally for generating the Lowercase property (which should be used instead) and not intended to be used stand-alone (Short: \p{OLower=Y}, \p{OLower}) (159)
D \p{Other_Math}	\p{Other_Math=Y} (Short: \p{OMath}) (1217)
D \p{Other_Math: N*}	Used by Unicode internally for generating the Math property (which should be used instead) and not intended to be used stand-alone (Short: \p{OMath=N}, \p{OMath}) (1_112_895)
D \p{Other_Math: Y*}	Used by Unicode internally for generating the Math property (which should be used instead) and not intended to be used stand-alone (Short: \p{OMath=Y}, \p{OMath}) (1217)
\p{Other_Number}	\p{General_Category=Other_Number} (Short: \p{No}) (456)
\p{Other_Punctuation}	\p{General_Category=Other_Punctuation} (Short: \p{Po}) (402)
\p{Other_Symbol}	\p{General_Category=Other_Symbol} (Short: \p{So}) (4398)
D \p{Other_Uppercase}	\p{Other_Uppercase=Y} (Short: \p{OUpper}) (42)
D \p{Other_Uppercase: N*}	Used by Unicode internally for generating the Uppercase property (which should be used instead) and not intended to be used stand-alone (Short: \p{OUpper=N}, \p{OUpper}) (1_114_070)
D \p{Other_Uppercase: Y*}	Used by Unicode internally for generating the Uppercase property (which should be used instead) and not intended to be

	used stand-alone (Short: \p{OUpper=Y}, \p{OUpper}) (42)
D \p{OUpper}	\p{Other_Uppercase} (= \p{Other_Uppercase=Y}) (42)
D \p{OUpper: *} \p{P}	\p{Other_Uppercase: *} \p{Punct} (= \p{General_Category=Punctuation}) (598)
\p{Paragraph_Separator}	\p{General_Category=Paragraph_Separator} (Short: \p{Zp}) (1)
\p{Pat_Syn}	\p{Pattern_Syntax} (= \p{Pattern_Syntax=Y}) (2760)
\p{Pat_Syn: *} \p{Pat_WS}	\p{Pattern_Syntax: *} \p{Pattern_White_Space} (= \p{Pattern_White_Space=Y}) (11)
\p{Pat_WS: *}	\p{Pattern_White_Space: *}
\p{Pattern_Syntax}	\p{Pattern_Syntax=Y} (Short: \p{PatSyn}) (2760)
\p{Pattern_Syntax: N*}	(Short: \p{PatSyn=N}, \P{PatSyn}) (1_111_352)
\p{Pattern_Syntax: Y*}	(Short: \p{PatSyn=Y}, \p{PatSyn}) (2760)
\p{Pattern_White_Space}	\p{Pattern_White_Space=Y} (Short: \p{PatWS}) (11)
\p{Pattern_White_Space: N*}	(Short: \p{PatWS=N}, \P{PatWS}) (1_114_101)
\p{Pattern_White_Space: Y*}	(Short: \p{PatWS=Y}, \p{PatWS}) (11)
\p{Pc}	\p{Connector_Punctuation} (= \p{General_Category=Connector_Punctuation}) (10)
\p{Pd}	\p{Dash_Punctuation} (= \p{General_Category=Dash_Punctuation}) (21)
\p{Pe}	\p{Close_Punctuation} (= \p{General_Category=Close_Punctuation}) (71)
\p{PerlSpace}	\s, restricted to ASCII (5)
\p{PerlWord}	\w, restricted to ASCII = [A-Za-z0-9_] (63)
\p{Pf}	\p{Final_Punctuation} (= \p{General_Category=Final_Punctuation}) (10)
\p{Phag}	\p{Phags_Pa} (= \p{Script=Phags_Pa}) (NOT \p{Block=Phags_Pa}) (56)
\p{Phags_Pa}	\p{Script=Phags_Pa} (Short: \p{Phag}; NOT \p{Block=Phags_Pa}) (56)
X \p{Phaistos_Disc}	\p{Block=Phaistos_Disc} (48)
\p{Phli}	\p{Inscriptional_Pahlavi} (= \p{Script=Inscriptional_Pahlavi}) (NOT \p{Block=Inscriptional_Pahlavi}) (27)
\p{Phnx}	\p{Phoenician} (= \p{Script=Phoenician}) (NOT \p{Block=Phoenician}) (29)
\p{Phoenician}	\p{Script=Phoenician} (Short: \p{Phnx}; NOT \p{Block=Phoenician}) (29)
X \p{Phonetic_Extensions}	\p{Block=Phonetic_Extensions} (128)
X \p{Phonetic_Extensions_Supplement}	\p{Block=Phonetic_Extensions_Supplement} (64)
\p{Pi}	\p{Initial_Punctuation} (= \p{General_Category=

	Initial_Punctuation})) (12)
X \p{Playing_Cards}	\p{Block=Playing_Cards} (96)
\p{Po}	\p{Other_Punctuation} (=
	\p{General_Category=Other_Punctuation})
	(402)
\p{PosixAlnum}	[A-Za-z0-9] (62)
\p{PosixAlpha}	[A-Za-z] (52)
\p{PosixBlank}	\t and ' ' (2)
\p{PosixCntrl}	ASCII control characters: NUL, SOH, STX,
	ETX, EOT, ENQ, ACK, BEL, BS, HT, LF, VT,
	FF, CR, SO, SI, DLE, DC1, DC2, DC3, DC4,
	NAK, SYN, ETB, CAN, EOM, SUB, ESC, FS,
	GS, RS, US, and DEL (33)
\p{PosixDigit}	[0-9] (10)
\p{PosixGraph}	[-!"#\$%&'()*+,-./:;<>?@[\\]^_`{ }~0-9A-Za-
	z] (94)
\p{PosixLower}	[a-z] (/i= PosixAlpha) (26)
\p{PosixPrint}	[- 0-9A-Za-
	z!"#\$%&'()*+,-./:;<>?@[\\]^_`{ }~] (95)
\p{PosixPunct}	[-!"#\$%&'()*+,-./:;<>?@[\\]^_`{ }~] (32)
\p{PosixSpace}	\t, \n, \cK, \f, \r, and ' '. (\cK is
	vertical tab) (6)
\p{PosixUpper}	[A-Z] (/i= PosixAlpha) (26)
\p{PosixWord}	\p{PerlWord} (63)
\p{PosixXDigit}	[0-9A-Fa-f] (22)
T \p{Present_In: 1.1}	\p{Age=1.1} (Short: \p{In=1.1}) (Perl
	extension) (33_979)
T \p{Present_In: 2.0}	Code point's usage introduced in version
	2.0 or earlier (Short: \p{In=2.0}) (Perl
	extension) (178_500)
T \p{Present_In: 2.1}	Code point's usage introduced in version
	2.1 or earlier (Short: \p{In=2.1}) (Perl
	extension) (178_502)
T \p{Present_In: 3.0}	Code point's usage introduced in version
	3.0 or earlier (Short: \p{In=3.0}) (Perl
	extension) (188_809)
T \p{Present_In: 3.1}	Code point's usage introduced in version
	3.1 or earlier (Short: \p{In=3.1}) (Perl
	extension) (233_787)
T \p{Present_In: 3.2}	Code point's usage introduced in version
	3.2 or earlier (Short: \p{In=3.2}) (Perl
	extension) (234_803)
T \p{Present_In: 4.0}	Code point's usage introduced in version
	4.0 or earlier (Short: \p{In=4.0}) (Perl
	extension) (236_029)
T \p{Present_In: 4.1}	Code point's usage introduced in version
	4.1 or earlier (Short: \p{In=4.1}) (Perl
	extension) (237_302)
T \p{Present_In: 5.0}	Code point's usage introduced in version
	5.0 or earlier (Short: \p{In=5.0}) (Perl
	extension) (238_671)
T \p{Present_In: 5.1}	Code point's usage introduced in version
	5.1 or earlier (Short: \p{In=5.1}) (Perl
	extension) (240_295)
T \p{Present_In: 5.2}	Code point's usage introduced in version
	5.2 or earlier (Short: \p{In=5.2}) (Perl

	extension) (246_943)
T \p{Present_In: 6.0}	Code point's usage introduced in version 6.0 or earlier (Short: \p{In=6.0}) (Perl extension) (249_031)
\p{Present_In: Unassigned}	\p{Age=Unassigned} (Short: \p{In=Unassigned}) (Perl extension) (865_081)
\p{Print}	Characters that are graphical plus space characters (but no controls) (246_850)
\p{Private_Use}	\p{General_Category=Private_Use} (Short: \p{Co}; NOT \p{Private_Use_Area}) (137_468)
X \p{Private_Use_Area}	\p{Block=Private_Use_Area} (Short: \p{InPrivateUse}) (6400)
\p{Prti}	\p{Inscriptional_Parthian} (= \p{Script=Inscriptional_Parthian}) (NOT \p{Block=Inscriptional_Parthian}) (30)
\p{Ps}	\p{Open_Punctuation} (= \p{General_Category=Open_Punctuation}) (72)
\p{Punct}	\p{General_Category=Punctuation} (Short: \p{P}) (598)
\p{Punctuation}	\p{Punct} (= \p{General_Category=Punctuation}) (598)
\p{Qaac}	\p{Coptic} (= \p{Script=Coptic}) (NOT \p{Block=Coptic}) (135)
\p{Qaai}	\p{Inherited} (= \p{Script=Inherited}) (523)
\p{QMark}	\p{Quotation_Mark} (= \p{Quotation_Mark=Y}) (29)
\p{QMark: *}	\p{Quotation_Mark: *}
\p{Quotation_Mark}	\p{Quotation_Mark=Y} (Short: \p{QMark}) (29)
\p{Quotation_Mark: N*}	(Short: \p{QMark=N}, \p{QMark}) (1_114_083)
\p{Quotation_Mark: Y*}	(Short: \p{QMark=Y}, \p{QMark}) (29)
\p{Radical}	\p{Radical=Y} (329)
\p{Radical: N*}	(Single: \p{Radical}) (1_113_783)
\p{Radical: Y*}	(Single: \p{Radical}) (329)
\p{Rejang}	\p{Script=Rejang} (Short: \p{Rjng}; NOT \p{Block=Rejang}) (37)
\p{Rjng}	\p{Rejang} (= \p{Script=Rejang}) (NOT \p{Block=Rejang}) (37)
X \p{Rumi_Numeral_Symbols}	\p{Block=Rumi_Numeral_Symbols} (32)
\p{Runic}	\p{Script=Runic} (Short: \p{Runr}; NOT \p{Block=Runic}) (78)
\p{Runr}	\p{Runic} (= \p{Script=Runic}) (NOT \p{Block=Runic}) (78)
\p{S}	\p{Symbol} (= \p{General_Category=Symbol}) (5508)
\p{Samaritan}	\p{Script=Samaritan} (Short: \p{Samr}; NOT \p{Block=Samaritan}) (61)
\p{Samr}	\p{Samaritan} (= \p{Script=Samaritan}) (NOT \p{Block=Samaritan}) (61)
\p{Sarab}	\p{Old_South_Arabian} (= \p{Script=Old_South_Arabian}) (32)
\p{Saur}	\p{Saurashtra} (= \p{Script=Saurashtra}) (NOT \p{Block=Saurashtra}) (81)

<code>\p{Saurashtra}</code>	<code>\p{Script=Saurashtra}</code> (Short: <code>\p{Saur}</code> ; NOT <code>\p{Block=Saurashtra}</code> ) (81)
<code>\p{SB: *}</code>	<code>\p{Sentence_Break: *}</code>
<code>\p{Sc}</code>	<code>\p{Currency_Symbol}</code> (= <code>\p{General_Category=Currency_Symbol}</code> ) (47)
<code>\p{Sc: *}</code>	<code>\p{Script: *}</code>
<code>\p{Script: Arab}</code>	<code>\p{Script=Arabic}</code> (1051)
<code>\p{Script: Arabic}</code>	(Short: <code>\p{Sc=Arab}</code> , <code>\p{Arab}</code> ) (1051)
<code>\p{Script: Armenian}</code>	(Short: <code>\p{Sc=Armn}</code> , <code>\p{Armn}</code> ) (90)
<code>\p{Script: Armi}</code>	<code>\p{Script=Imperial_Aramaic}</code> (31)
<code>\p{Script: Armn}</code>	<code>\p{Script=Armenian}</code> (90)
<code>\p{Script: Avestan}</code>	(Short: <code>\p{Sc=Avst}</code> , <code>\p{Avst}</code> ) (61)
<code>\p{Script: Avst}</code>	<code>\p{Script=Avestan}</code> (61)
<code>\p{Script: Bali}</code>	<code>\p{Script=Balinese}</code> (121)
<code>\p{Script: Balinese}</code>	(Short: <code>\p{Sc=Bali}</code> , <code>\p{Bali}</code> ) (121)
<code>\p{Script: Bamu}</code>	<code>\p{Script=Bamum}</code> (657)
<code>\p{Script: Bamum}</code>	(Short: <code>\p{Sc=Bamu}</code> , <code>\p{Bamu}</code> ) (657)
<code>\p{Script: Batak}</code>	(Short: <code>\p{Sc=Batk}</code> , <code>\p{Batk}</code> ) (56)
<code>\p{Script: Batk}</code>	<code>\p{Script=Batak}</code> (56)
<code>\p{Script: Beng}</code>	<code>\p{Script=Bengali}</code> (92)
<code>\p{Script: Bengali}</code>	(Short: <code>\p{Sc=Beng}</code> , <code>\p{Beng}</code> ) (92)
<code>\p{Script: Bopo}</code>	<code>\p{Script=Bopomofo}</code> (70)
<code>\p{Script: Bopomofo}</code>	(Short: <code>\p{Sc=Bopo}</code> , <code>\p{Bopo}</code> ) (70)
<code>\p{Script: Brah}</code>	<code>\p{Script=Brahmi}</code> (108)
<code>\p{Script: Brahmi}</code>	(Short: <code>\p{Sc=Brah}</code> , <code>\p{Brah}</code> ) (108)
<code>\p{Script: Brai}</code>	<code>\p{Script=Braille}</code> (256)
<code>\p{Script: Braille}</code>	(Short: <code>\p{Sc=Brai}</code> , <code>\p{Brai}</code> ) (256)
<code>\p{Script: Bugi}</code>	<code>\p{Script=Buginese}</code> (30)
<code>\p{Script: Buginese}</code>	(Short: <code>\p{Sc=Bugi}</code> , <code>\p{Bugi}</code> ) (30)
<code>\p{Script: Buhd}</code>	<code>\p{Script=Buhid}</code> (20)
<code>\p{Script: Buhid}</code>	(Short: <code>\p{Sc=Buhd}</code> , <code>\p{Buhd}</code> ) (20)
<code>\p{Script: Canadian_Aboriginal}</code>	(Short: <code>\p{Sc=Cans}</code> , <code>\p{Cans}</code> ) (710)
<code>\p{Script: Cans}</code>	<code>\p{Script=Canadian_Aboriginal}</code> (710)
<code>\p{Script: Cari}</code>	<code>\p{Script=Carian}</code> (49)
<code>\p{Script: Carian}</code>	(Short: <code>\p{Sc=Cari}</code> , <code>\p{Cari}</code> ) (49)
<code>\p{Script: Cham}</code>	(Short: <code>\p{Sc=Cham}</code> , <code>\p{Cham}</code> ) (83)
<code>\p{Script: Cher}</code>	<code>\p{Script=Cherokee}</code> (85)
<code>\p{Script: Cherokee}</code>	(Short: <code>\p{Sc=Cher}</code> , <code>\p{Cher}</code> ) (85)
<code>\p{Script: Common}</code>	(Short: <code>\p{Sc=Zyyy}</code> , <code>\p{Zyyy}</code> ) (6379)
<code>\p{Script: Copt}</code>	<code>\p{Script=Coptic}</code> (135)
<code>\p{Script: Coptic}</code>	(Short: <code>\p{Sc=Copt}</code> , <code>\p{Copt}</code> ) (135)
<code>\p{Script: Cpvt}</code>	<code>\p{Script=Cypriot}</code> (55)
<code>\p{Script: Cuneiform}</code>	(Short: <code>\p{Sc=Xsux}</code> , <code>\p{Xsux}</code> ) (982)
<code>\p{Script: Cypriot}</code>	(Short: <code>\p{Sc=Cpvt}</code> , <code>\p{Cpvt}</code> ) (55)
<code>\p{Script: Cyrillic}</code>	(Short: <code>\p{Sc=Cyrl}</code> , <code>\p{Cyrl}</code> ) (408)
<code>\p{Script: Cyrl}</code>	<code>\p{Script=Cyrillic}</code> (408)
<code>\p{Script: Deseret}</code>	(Short: <code>\p{Sc=Dsrt}</code> , <code>\p{Dsrt}</code> ) (80)
<code>\p{Script: Deva}</code>	<code>\p{Script=Devanagari}</code> (150)
<code>\p{Script: Devanagari}</code>	(Short: <code>\p{Sc=Deva}</code> , <code>\p{Deva}</code> ) (150)
<code>\p{Script: Dsrt}</code>	<code>\p{Script=Deseret}</code> (80)
<code>\p{Script: Egyp}</code>	<code>\p{Script=Egyptian_Hieroglyphs}</code> (1071)
<code>\p{Script: Egyptian_Hieroglyphs}</code>	(Short: <code>\p{Sc=Egyp}</code> , <code>\p{Egyp}</code> ) (1071)
<code>\p{Script: Ethi}</code>	<code>\p{Script=Ethiopic}</code> (495)

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\p{Script: Ethiopic}      (Short: \p{Sc=Ethi}, \p{Ethi}) (495)
\p{Script: Geor}         \p{Script=Georgian} (120)
\p{Script: Georgian}     (Short: \p{Sc=Geor}, \p{Geor}) (120)
\p{Script: Glag}         \p{Script=Glagolitic} (94)
\p{Script: Glagolitic}   (Short: \p{Sc=Glag}, \p{Glag}) (94)
\p{Script: Goth}        \p{Script=Gothic} (27)
\p{Script: Gothic}      (Short: \p{Sc=Goth}, \p{Goth}) (27)
\p{Script: Greek}       (Short: \p{Sc=Grek}, \p{Grek}) (511)
\p{Script: Grek}        \p{Script=Greek} (511)
\p{Script: Gujarati}    (Short: \p{Sc=Gujr}, \p{Gujr}) (83)
\p{Script: Gujr}       \p{Script=Gujarati} (83)
\p{Script: Gurmukhi}    (Short: \p{Sc=Guru}, \p{Guru}) (79)
\p{Script: Guru}       \p{Script=Gurmukhi} (79)
\p{Script: Han}        (Short: \p{Sc=Han}, \p{Han}) (75_960)
\p{Script: Hang}       \p{Script=Hangul} (11_739)
\p{Script: Hangul}     (Short: \p{Sc=Hang}, \p{Hang}) (11_739)
\p{Script: Hani}       \p{Script=Han} (75_960)
\p{Script: Hano}       \p{Script=Hanunoo} (21)
\p{Script: Hanunoo}    (Short: \p{Sc=Hano}, \p{Hano}) (21)
\p{Script: Hebr}      \p{Script=Hebrew} (133)
\p{Script: Hebrew}    (Short: \p{Sc=Hebr}, \p{Hebr}) (133)
\p{Script: Hira}      \p{Script=Hiragana} (91)
\p{Script: Hiragana}  (Short: \p{Sc=Hira}, \p{Hira}) (91)
\p{Script: Imperial_Aramaic} (Short: \p{Sc=Armi}, \p{Armi}) (31)
\p{Script: Inherited} (Short: \p{Sc=Zinh}, \p{Zinh}) (523)
\p{Script: Inscriptional_Pahlavi} (Short: \p{Sc=Phli}, \p{Phli})
                          (27)
\p{Script: Inscriptional_Parthian} (Short: \p{Sc=Prti}, \p{Prti})
                          (30)
\p{Script: Ital}       \p{Script=Old_Italic} (35)
\p{Script: Java}       \p{Script=Javanese} (91)
\p{Script: Javanese}   (Short: \p{Sc=Java}, \p{Java}) (91)
\p{Script: Kaithi}     (Short: \p{Sc=Kthi}, \p{Kthi}) (66)
\p{Script: Kali}       \p{Script=Kayah_Li} (48)
\p{Script: Kana}       \p{Script=Katakana} (300)
\p{Script: Kannada}    (Short: \p{Sc=Knda}, \p{Knda}) (86)
\p{Script: Katakana}   (Short: \p{Sc=Kana}, \p{Kana}) (300)
\p{Script: Kayah_Li}   (Short: \p{Sc=Kali}, \p{Kali}) (48)
\p{Script: Khar}       \p{Script=Kharoshthi} (65)
\p{Script: Kharoshthi} (Short: \p{Sc=Khar}, \p{Khar}) (65)
\p{Script: Khmer}      (Short: \p{Sc=Khmr}, \p{Khmr}) (146)
\p{Script: Khmr}       \p{Script=Khmer} (146)
\p{Script: Knda}       \p{Script=Kannada} (86)
\p{Script: Kthi}       \p{Script=Kaithi} (66)
\p{Script: Lana}       \p{Script=Tai_Tham} (127)
\p{Script: Lao}        (Short: \p{Sc=Lao}, \p{Lao}) (65)
\p{Script: Laoo}       \p{Script=Lao} (65)
\p{Script: Latin}      (Short: \p{Sc=Latn}, \p{Latn}) (1267)
\p{Script: Latn}       \p{Script=Latin} (1267)
\p{Script: Lepc}       \p{Script=Lepcha} (74)
\p{Script: Lepcha}     (Short: \p{Sc=Lepc}, \p{Lepc}) (74)
\p{Script: Limb}       \p{Script=Limbu} (66)
\p{Script: Limbu}      (Short: \p{Sc=Limb}, \p{Limb}) (66)
\p{Script: Linb}       \p{Script=Linear_B} (211)
\p{Script: Linear_B}   (Short: \p{Sc=Linb}, \p{Linb}) (211)
\p{Script: Lisu}       (Short: \p{Sc=Lisu}, \p{Lisu}) (48)

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<code>\p{Script: Lyci}</code>	<code>\p{Script=Lycian}</code> (29)
<code>\p{Script: Lycian}</code>	(Short: <code>\p{Sc=Lyci}</code> , <code>\p{Lyci}</code> ) (29)
<code>\p{Script: Lydi}</code>	<code>\p{Script=Lydian}</code> (27)
<code>\p{Script: Lydian}</code>	(Short: <code>\p{Sc=Lydi}</code> , <code>\p{Lydi}</code> ) (27)
<code>\p{Script: Malayalam}</code>	(Short: <code>\p{Sc=Mlym}</code> , <code>\p{Mlym}</code> ) (98)
<code>\p{Script: Mand}</code>	<code>\p{Script=Mandaic}</code> (29)
<code>\p{Script: Mandaic}</code>	(Short: <code>\p{Sc=Mand}</code> , <code>\p{Mand}</code> ) (29)
<code>\p{Script: Meetei_Mayek}</code>	(Short: <code>\p{Sc=Mtei}</code> , <code>\p{Mtei}</code> ) (56)
<code>\p{Script: Mlym}</code>	<code>\p{Script=Malayalam}</code> (98)
<code>\p{Script: Mong}</code>	<code>\p{Script=Mongolian}</code> (153)
<code>\p{Script: Mongolian}</code>	(Short: <code>\p{Sc=Mong}</code> , <code>\p{Mong}</code> ) (153)
<code>\p{Script: Mtei}</code>	<code>\p{Script=Meetei_Mayek}</code> (56)
<code>\p{Script: Myanmar}</code>	(Short: <code>\p{Sc=Mymr}</code> , <code>\p{Mymr}</code> ) (188)
<code>\p{Script: Mymr}</code>	<code>\p{Script=Myanmar}</code> (188)
<code>\p{Script: New_Tai_Lue}</code>	(Short: <code>\p{Sc=Talu}</code> , <code>\p{Talu}</code> ) (83)
<code>\p{Script: Nko}</code>	(Short: <code>\p{Sc=Nko}</code> , <code>\p{Nko}</code> ) (59)
<code>\p{Script: Nkoo}</code>	<code>\p{Script=Nko}</code> (59)
<code>\p{Script: Ogam}</code>	<code>\p{Script=Ogham}</code> (29)
<code>\p{Script: Ogham}</code>	(Short: <code>\p{Sc=Ogam}</code> , <code>\p{Ogam}</code> ) (29)
<code>\p{Script: Ol_Chiki}</code>	(Short: <code>\p{Sc=Olck}</code> , <code>\p{Olck}</code> ) (48)
<code>\p{Script: Olck}</code>	<code>\p{Script=Ol_Chiki}</code> (48)
<code>\p{Script: Old_Italic}</code>	(Short: <code>\p{Sc=Ital}</code> , <code>\p{Ital}</code> ) (35)
<code>\p{Script: Old_Persian}</code>	(Short: <code>\p{Sc=Xpeo}</code> , <code>\p{Xpeo}</code> ) (50)
<code>\p{Script: Old_South_Arabian}</code>	(Short: <code>\p{Sc=Sarb}</code> , <code>\p{Sarb}</code> ) (32)
<code>\p{Script: Old_Turkic}</code>	(Short: <code>\p{Sc=Orkh}</code> , <code>\p{Orkh}</code> ) (73)
<code>\p{Script: Oriya}</code>	(Short: <code>\p{Sc=Orya}</code> , <code>\p{Orya}</code> ) (90)
<code>\p{Script: Orkh}</code>	<code>\p{Script=Old_Turkic}</code> (73)
<code>\p{Script: Orya}</code>	<code>\p{Script=Oriya}</code> (90)
<code>\p{Script: Osma}</code>	<code>\p{Script=Osmanya}</code> (40)
<code>\p{Script: Osmanya}</code>	(Short: <code>\p{Sc=Osma}</code> , <code>\p{Osma}</code> ) (40)
<code>\p{Script: Phag}</code>	<code>\p{Script=Phags_Pa}</code> (56)
<code>\p{Script: Phags_Pa}</code>	(Short: <code>\p{Sc=Phag}</code> , <code>\p{Phag}</code> ) (56)
<code>\p{Script: Phli}</code>	<code>\p{Script=Inscriptional_Pahlavi}</code> (27)
<code>\p{Script: Phnx}</code>	<code>\p{Script=Phoenician}</code> (29)
<code>\p{Script: Phoenician}</code>	(Short: <code>\p{Sc=Phnx}</code> , <code>\p{Phnx}</code> ) (29)
<code>\p{Script: Prti}</code>	<code>\p{Script=Inscriptional_Parthian}</code> (30)
<code>\p{Script: Qaac}</code>	<code>\p{Script=Coptic}</code> (135)
<code>\p{Script: Qaai}</code>	<code>\p{Script=Inherited}</code> (523)
<code>\p{Script: Rejang}</code>	(Short: <code>\p{Sc=Rjng}</code> , <code>\p{Rjng}</code> ) (37)
<code>\p{Script: Rjng}</code>	<code>\p{Script=Rejang}</code> (37)
<code>\p{Script: Runic}</code>	(Short: <code>\p{Sc=Runr}</code> , <code>\p{Runr}</code> ) (78)
<code>\p{Script: Runr}</code>	<code>\p{Script=Runic}</code> (78)
<code>\p{Script: Samaritan}</code>	(Short: <code>\p{Sc=Samr}</code> , <code>\p{Samr}</code> ) (61)
<code>\p{Script: Samr}</code>	<code>\p{Script=Samaritan}</code> (61)
<code>\p{Script: Sarb}</code>	<code>\p{Script=Old_South_Arabian}</code> (32)
<code>\p{Script: Saur}</code>	<code>\p{Script=Saurashtra}</code> (81)
<code>\p{Script: Saurashtra}</code>	(Short: <code>\p{Sc=Saur}</code> , <code>\p{Saur}</code> ) (81)
<code>\p{Script: Shavian}</code>	(Short: <code>\p{Sc=Shaw}</code> , <code>\p{Shaw}</code> ) (48)
<code>\p{Script: Shaw}</code>	<code>\p{Script=Shavian}</code> (48)
<code>\p{Script: Sinh}</code>	<code>\p{Script=Sinhala}</code> (80)
<code>\p{Script: Sinhala}</code>	(Short: <code>\p{Sc=Sinh}</code> , <code>\p{Sinh}</code> ) (80)
<code>\p{Script: Sund}</code>	<code>\p{Script=Sundanese}</code> (55)
<code>\p{Script: Sundanese}</code>	(Short: <code>\p{Sc=Sund}</code> , <code>\p{Sund}</code> ) (55)
<code>\p{Script: Sylo}</code>	<code>\p{Script=Syloti_Nagri}</code> (44)
<code>\p{Script: Syloti_Nagri}</code>	(Short: <code>\p{Sc=Sylo}</code> , <code>\p{Sylo}</code> ) (44)
<code>\p{Script: Syrc}</code>	<code>\p{Script=Syriac}</code> (77)

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\p{Script: Syriac}      (Short: \p{Sc=Syrc}, \p{Syrc}) (77)
\p{Script: Tagalog}     (Short: \p{Sc=Tglg}, \p{Tglg}) (20)
\p{Script: Tagb}        \p{Script=Tagbanwa} (18)
\p{Script: Tagbanwa}    (Short: \p{Sc=Tagb}, \p{Tagb}) (18)
\p{Script: Tai_Le}      (Short: \p{Sc=Tale}, \p{Tale}) (35)
\p{Script: Tai_Tham}    (Short: \p{Sc=Lana}, \p{Lana}) (127)
\p{Script: Tai_Viet}    (Short: \p{Sc=Tavt}, \p{Tavt}) (72)
\p{Script: Tale}        \p{Script=Tai_Le} (35)
\p{Script: Talu}        \p{Script=New_Tai_Lue} (83)
\p{Script: Tamil}       (Short: \p{Sc=Taml}, \p{Taml}) (72)
\p{Script: Taml}        \p{Script=Tamil} (72)
\p{Script: Tavt}        \p{Script=Tai_Viet} (72)
\p{Script: Telu}        \p{Script=Telugu} (93)
\p{Script: Telugu}      (Short: \p{Sc=Telu}, \p{Telu}) (93)
\p{Script: Tfng}        \p{Script=Tifinagh} (57)
\p{Script: Tglg}        \p{Script=Tagalog} (20)
\p{Script: Thaa}        \p{Script=Thaana} (50)
\p{Script: Thaana}      (Short: \p{Sc=Thaa}, \p{Thaa}) (50)
\p{Script: Thai}        (Short: \p{Sc=Thai}, \p{Thai}) (86)
\p{Script: Tibetan}     (Short: \p{Sc=Tibt}, \p{Tibt}) (207)
\p{Script: Tibt}        \p{Script=Tibetan} (207)
\p{Script: Tifinagh}    (Short: \p{Sc=Tfng}, \p{Tfng}) (57)
\p{Script: Ugar}        \p{Script=Ugaritic} (31)
\p{Script: Ugaritic}    (Short: \p{Sc=Ugar}, \p{Ugar}) (31)
\p{Script: Unknown}     (Short: \p{Sc=Zzzz}, \p{Zzzz}) (1_004_663)
\p{Script: Vai}         (Short: \p{Sc=Vai}, \p{Vai}) (300)
\p{Script: Vaii}        \p{Script=Vai} (300)
\p{Script: Xpeo}        \p{Script=Old_Persian} (50)
\p{Script: Xsux}        \p{Script=Cuneiform} (982)
\p{Script: Yi}          (Short: \p{Sc=Yi}, \p{Yi}) (1220)
\p{Script: Yiii}        \p{Script=Yi} (1220)
\p{Script: Zinh}        \p{Script=Inherited} (523)
\p{Script: Zyyy}        \p{Script=Common} (6379)
\p{Script: Zzzz}        \p{Script=Unknown} (1_004_663)
\p{SD}                 \p{Soft_Dotted} (= \p{Soft_Dotted=Y}) (46)
\p{SD: *}              \p{Soft_Dotted: *}
\p{Sentence_Break: AT}  \p{Sentence_Break=ATerm} (4)
\p{Sentence_Break: ATerm} (Short: \p{SB=AT}) (4)
\p{Sentence_Break: CL}  \p{Sentence_Break=Close} (177)
\p{Sentence_Break: Close} (Short: \p{SB=CL}) (177)
\p{Sentence_Break: CR}  (Short: \p{SB=CR}) (1)
\p{Sentence_Break: EX}  \p{Sentence_Break=Extend} (1502)
\p{Sentence_Break: Extend} (Short: \p{SB=EX}) (1502)
\p{Sentence_Break: FO}  \p{Sentence_Break=Format} (138)
\p{Sentence_Break: Format} (Short: \p{SB=FO}) (138)
\p{Sentence_Break: LE}  \p{Sentence_Break=OLetter} (97_369)
\p{Sentence_Break: LF}  (Short: \p{SB=LF}) (1)
\p{Sentence_Break: LO}  \p{Sentence_Break=Lower} (1917)
\p{Sentence_Break: Lower} (Short: \p{SB=LO}) (1917)
\p{Sentence_Break: NU}  \p{Sentence_Break=Numeric} (412)
\p{Sentence_Break: Numeric} (Short: \p{SB=NU}) (412)
\p{Sentence_Break: OLetter} (Short: \p{SB=LE}) (97_369)
\p{Sentence_Break: Other} (Short: \p{SB=XX}) (1_010_959)
\p{Sentence_Break: SC}  \p{Sentence_Break=SContinue} (26)
\p{Sentence_Break: SContinue} (Short: \p{SB=SC}) (26)
\p{Sentence_Break: SE}  \p{Sentence_Break=Sep} (3)

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\p{Sentence_Break: Sep} (Short: \p{SB=SE}) (3)
\p{Sentence_Break: Sp} (Short: \p{SB=Sp}) (21)
\p{Sentence_Break: ST} \p{Sentence_Break=STerm} (73)
\p{Sentence_Break: STerm} (Short: \p{SB=ST}) (73)
\p{Sentence_Break: UP} \p{Sentence_Break=Upper} (1509)
\p{Sentence_Break: Upper} (Short: \p{SB=UP}) (1509)
\p{Sentence_Break: XX} \p{Sentence_Break=Other} (1_010_959)
\p{Separator} \p{General_Category=Separator} (Short:
\p{Z}) (20)
\p{Shavian} \p{Script=Shavian} (Short: \p{Shaw}) (48)
\p{Shaw} \p{Shavian} (= \p{Script=Shavian}) (48)
\p{Sinh} \p{Sinhala} (= \p{Script=Sinhala}) (NOT
\p{Block=Sinhala}) (80)
\p{Sinhala} \p{Script=Sinhala} (Short: \p{Sinh}; NOT
\p{Block=Sinhala}) (80)
\p{Sk} \p{Modifier_Symbol} (=
\p{General_Category=Modifier_Symbol})
(115)
\p{Sm} \p{Math_Symbol} (= \p{General_Category=
Math_Symbol}) (948)
X \p{Small_Form_Variants} \p{Block=Small_Form_Variants} (32)
\p{So} \p{Other_Symbol} (= \p{General_Category=
Other_Symbol}) (4398)
\p{Soft_Dotted} \p{Soft_Dotted=Y} (Short: \p{SD}) (46)
\p{Soft_Dotted: N*} (Short: \p{SD=N}, \p{SD}) (1_114_066)
\p{Soft_Dotted: Y*} (Short: \p{SD=Y}, \p{SD}) (46)
\p{Space} \p{White_Space=Y} \s including beyond
ASCII plus vertical tab (26)
\p{Space: *} \p{White_Space: *}
\p{Space_Separator} \p{General_Category=Space_Separator}
(Short: \p{Zs}) (18)
\p{SpacePerl} \p{XPerlSpace} (25)
\p{Spacing_Mark} \p{General_Category=Spacing_Mark} (Short:
\p{Mc}) (287)
X \p{Spacing_Modifier_Letters} \p{Block=Spacing_Modifier_Letters}
(80)
X \p{Specials} \p{Block=Specials} (16)
\p{STerm} \p{STerm=Y} (76)
\p{STerm: N*} (Single: \p{STerm}) (1_114_036)
\p{STerm: Y*} (Single: \p{STerm}) (76)
\p{Sund} \p{Sundanese} (= \p{Script=Sundanese})
(NOT \p{Block=Sundanese}) (55)
\p{Sundanese} \p{Script=Sundanese} (Short: \p{Sund}; NOT
\p{Block=Sundanese}) (55)
X \p{Superscripts_And_Subscripts} \p{Block=
Superscripts_And_Subscripts} (48)
X \p{Supplemental_Arrows_A} \p{Block=Supplemental_Arrows_A} (16)
X \p{Supplemental_Arrows_B} \p{Block=Supplemental_Arrows_B} (128)
X \p{Supplemental_Mathematical_Operators} \p{Block=
Supplemental_Mathematical_Operators}
(256)
X \p{Supplemental_Punctuation} \p{Block=Supplemental_Punctuation}
(128)
X \p{Supplementary_Private_Use_Area_A} \p{Block=
Supplementary_Private_Use_Area_A}
(65_536)

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X \p{Supplementary_Private_Use_Area_B} \p{Block=
    Supplementary_Private_Use_Area_B}
    (65_536)
\p{Surrogate} \p{General_Category=Surrogate} (Short:
    \p{Cs}) (2048)
\p{Sylo} \p{Syloti_Nagri} (= \p{Script=
    Syloti_Nagri}) (NOT \p{Block=
    Syloti_Nagri}) (44)
\p{Syloti_Nagri} \p{Script=Syloti_Nagri} (Short: \p{Sylo};
    NOT \p{Block=Syloti_Nagri}) (44)
\p{Symbol} \p{General_Category=Symbol} (Short: \p{S})
    (5508)
\p{Syrc} \p{Syriac} (= \p{Script=Syriac}) (NOT
    \p{Block=Syriac}) (77)
\p{Syriac} \p{Script=Syriac} (Short: \p{Syrc}; NOT
    \p{Block=Syriac}) (77)
\p{Tagalog} \p{Script=Tagalog} (Short: \p{Tglg}; NOT
    \p{Block=Tagalog}) (20)
\p{Tagb} \p{Tagbanwa} (= \p{Script=Tagbanwa}) (NOT
    \p{Block=Tagbanwa}) (18)
\p{Tagbanwa} \p{Script=Tagbanwa} (Short: \p{Tagb}; NOT
    \p{Block=Tagbanwa}) (18)
X \p{Tags} \p{Block=Tags} (128)
\p{Tai_Le} \p{Script=Tai_Le} (Short: \p{Tale}; NOT
    \p{Block=Tai_Le}) (35)
\p{Tai_Tham} \p{Script=Tai_Tham} (Short: \p{Lana}; NOT
    \p{Block=Tai_Tham}) (127)
\p{Tai_Viet} \p{Script=Tai_Viet} (Short: \p{Tavt}; NOT
    \p{Block=Tai_Viet}) (72)
X \p{Tai_Xuan_Jing_Symbols} \p{Block=Tai_Xuan_Jing_Symbols} (96)
\p{Tale} \p{Tai_Le} (= \p{Script=Tai_Le}) (NOT
    \p{Block=Tai_Le}) (35)
\p{Talu} \p{New_Tai_Lue} (= \p{Script=New_Tai_Lue})
    (NOT \p{Block=New_Tai_Lue}) (83)
\p{Tamil} \p{Script=Tamil} (Short: \p{Taml}; NOT
    \p{Block=Tamil}) (72)
\p{Taml} \p{Tamil} (= \p{Script=Tamil}) (NOT
    \p{Block=Tamil}) (72)
\p{Tavt} \p{Tai_Viet} (= \p{Script=Tai_Viet}) (NOT
    \p{Block=Tai_Viet}) (72)
\p{Telu} \p{Telugu} (= \p{Script=Telugu}) (NOT
    \p{Block=Telugu}) (93)
\p{Telugu} \p{Script=Telugu} (Short: \p{Telu}; NOT
    \p{Block=Telugu}) (93)
\p{Term} \p{Terminal_Punctuation} (=
    \p{Terminal_Punctuation=Y}) (169)
\p{Term: *} \p{Terminal_Punctuation: *}
\p{Terminal_Punctuation} \p{Terminal_Punctuation=Y} (Short:
    \p{Term}) (169)
\p{Terminal_Punctuation: N*} (Short: \p{Term=N}, \p{Term})
    (1_113_943)
\p{Terminal_Punctuation: Y*} (Short: \p{Term=Y}, \p{Term}) (169)
\p{Tfng} \p{Tifinagh} (= \p{Script=Tifinagh}) (NOT
    \p{Block=Tifinagh}) (57)
\p{Tglg} \p{Tagalog} (= \p{Script=Tagalog}) (NOT
    \p{Block=Tagalog}) (20)

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<code>\p{Thaa}</code>	<code>\p{Thaana} (= \p{Script=Thaana}) (NOT \p{Block=Thaana}) (50)</code>
<code>\p{Thaana}</code>	<code>\p{Script=Thaana} (Short: \p{Thaa}; NOT \p{Block=Thaana}) (50)</code>
<code>\p{Thai}</code>	<code>\p{Script=Thai} (NOT \p{Block=Thai}) (86)</code>
<code>\p{Tibetan}</code>	<code>\p{Script=Tibetan} (Short: \p{Tibt}; NOT \p{Block=Tibetan}) (207)</code>
<code>\p{Tibt}</code>	<code>\p{Tibetan} (= \p{Script=Tibetan}) (NOT \p{Block=Tibetan}) (207)</code>
<code>\p{Tifinagh}</code>	<code>\p{Script=Tifinagh} (Short: \p{Tfng}; NOT \p{Block=Tifinagh}) (57)</code>
<code>\p{Title}</code>	<code>(/i= Cased=Yes) (31)</code>
<code>\p{Titlecase}</code>	<code>\p{Title} (/i= Cased=Yes) (31)</code>
<code>\p{Titlecase_Letter}</code>	<code>\p{General_Category=Titlecase_Letter} (Short: \p{Lt}; /i= General_Category=Cased_Letter) (31)</code>
X <code>\p{Transport_And_Map_Symbols}</code>	<code>\p{Block=Transport_And_Map_Symbols} (128)</code>
<code>\p{Ugar}</code>	<code>\p{Ugaritic} (= \p{Script=Ugaritic}) (NOT \p{Block=Ugaritic}) (31)</code>
<code>\p{Ugaritic}</code>	<code>\p{Script=Ugaritic} (Short: \p{Ugar}; NOT \p{Block=Ugaritic}) (31)</code>
<code>\p{UIdeo}</code>	<code>\p{Unified_Ideograph} (= \p{Unified_Ideograph=Y}) (74_616)</code>
<code>\p{UIdeo: *}</code>	<code>\p{Unified_Ideograph: *}</code>
<code>\p{Unassigned}</code>	<code>\p{General_Category=Unassigned} (Short: \p{Cn}) (865_147)</code>
X <code>\p{Unified_Canadian_Aboriginal_Syllabics}</code>	<code>\p{Block=Unified_Canadian_Aboriginal_Syllabics} (Short: \p{InCanadianSyllabics}) (640)</code>
X <code>\p{Unified_Canadian_Aboriginal_Syllabics_Extended}</code>	<code>\p{Block=Unified_Canadian_Aboriginal_Syllabics_Extended} (80)</code>
<code>\p{Unified_Ideograph}</code>	<code>\p{Unified_Ideograph=Y} (Short: \p{UIdeo}) (74_616)</code>
<code>\p{Unified_Ideograph: N*}</code>	<code>(Short: \p{UIdeo=N}, \p{UIdeo}) (1_039_496)</code>
<code>\p{Unified_Ideograph: Y*}</code>	<code>(Short: \p{UIdeo=Y}, \p{UIdeo}) (74_616)</code>
<code>\p{Unknown}</code>	<code>\p{Script=Unknown} (Short: \p{Zzzz}) (1_004_663)</code>
<code>\p{Upper}</code>	<code>\p{Uppercase=Y} (/i= Cased=Yes) (1478)</code>
<code>\p{Upper: *}</code>	<code>\p{Uppercase: *}</code>
<code>\p{Uppercase}</code>	<code>\p{Upper} (= \p{Uppercase=Y}) (/i= Cased=Yes) (1478)</code>
<code>\p{Uppercase: N*}</code>	<code>(Short: \p{Upper=N}, \p{Upper}; /i= Cased=No) (1_112_634)</code>
<code>\p{Uppercase: Y*}</code>	<code>(Short: \p{Upper=Y}, \p{Upper}; /i= Cased=Yes) (1478)</code>
<code>\p{Uppercase_Letter}</code>	<code>\p{General_Category=Uppercase_Letter} (Short: \p{Lu}; /i= General_Category=Cased_Letter) (1436)</code>
<code>\p{Vai}</code>	<code>\p{Script=Vai} (NOT \p{Block=Vai}) (300)</code>
<code>\p{Vaii}</code>	<code>\p{Vai} (= \p{Script=Vai}) (NOT \p{Block=Vai}) (300)</code>
<code>\p{Variation_Selector}</code>	<code>\p{Variation_Selector=Y} (Short: \p{VS}) (259)</code>

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\p{Variation_Selector: N*} (Short: \p{VS=N}, \P{VS}) (1_113_853)
\p{Variation_Selector: Y*} (Short: \p{VS=Y}, \P{VS}) (259)
X \p{Variation_Selectors} \p{Block=Variation_Selectors} (16)
X \p{Variation_Selectors_Supplement} \p{Block=
    Variation_Selectors_Supplement} (240)
X \p{Vedic_Extensions} \p{Block=Vedic_Extensions} (48)
X \p{Vertical_Forms} \p{Block=Vertical_Forms} (16)
\p{VertSpace} \v (7)
\p{VS} \p{Variation_Selector} (=
    \p{Variation_Selector=Y}) (259)
\p{VS: *} \p{Variation_Selector: *}
\p{WB: *} \p{Word_Break: *}
\p{White_Space} \p{White_Space=Y} (Short: \p{WSpace}) (26)
\p{White_Space: N*} (Short: \p{Space=N}, \P{WSpace})
    (1_114_086)
\p{White_Space: Y*} (Short: \p{Space=Y}, \P{WSpace}) (26)
\p{Word} \w, including beyond ASCII; = \p{Alnum} +
    \pM + \p{Pc} (102_724)
\p{Word_Break: ALetter} (Short: \p{WB=LE}) (24_453)
\p{Word_Break: CR} (Short: \p{WB=CR}) (1)
\p{Word_Break: EX} \p{Word_Break=ExtendNumLet} (10)
\p{Word_Break: Extend} (Short: \p{WB=Extend}) (1502)
\p{Word_Break: ExtendNumLet} (Short: \p{WB=EX}) (10)
\p{Word_Break: FO} \p{Word_Break=Format} (137)
\p{Word_Break: Format} (Short: \p{WB=FO}) (137)
\p{Word_Break: KA} \p{Word_Break=Katakana} (310)
\p{Word_Break: Katakana} (Short: \p{WB=KA}) (310)
\p{Word_Break: LE} \p{Word_Break=ALetter} (24_453)
\p{Word_Break: LF} (Short: \p{WB=LF}) (1)
\p{Word_Break: MB} \p{Word_Break=MidNumLet} (8)
\p{Word_Break: MidLetter} (Short: \p{WB=ML}) (8)
\p{Word_Break: MidNum} (Short: \p{WB=MN}) (15)
\p{Word_Break: MidNumLet} (Short: \p{WB=MB}) (8)
\p{Word_Break: ML} \p{Word_Break=MidLetter} (8)
\p{Word_Break: MN} \p{Word_Break=MidNum} (15)
\p{Word_Break: Newline} (Short: \p{WB=NL}) (5)
\p{Word_Break: NL} \p{Word_Break=Newline} (5)
\p{Word_Break: NU} \p{Word_Break=Numeric} (411)
\p{Word_Break: Numeric} (Short: \p{WB=NU}) (411)
\p{Word_Break: Other} (Short: \p{WB=XX}) (1_087_251)
\p{Word_Break: XX} \p{Word_Break=Other} (1_087_251)
\p{WSpace} \p{White_Space} (= \p{White_Space=Y}) (26)
\p{WSpace: *} \p{White_Space: *}
\p{XDigit} \p{Hex_Digit=Y} (Short: \p{Hex}) (44)
\p{XID_Continue} \p{XID_Continue=Y} (Short: \p{XIDC})
    (102_656)
\p{XID_Continue: N*} (Short: \p{XIDC=N}, \P{XIDC}) (1_011_456)
\p{XID_Continue: Y*} (Short: \p{XIDC=Y}, \P{XIDC}) (102_656)
\p{XID_Start} \p{XID_Start=Y} (Short: \p{XIDS}) (100_724)
\p{XID_Start: N*} (Short: \p{XIDS=N}, \P{XIDS}) (1_013_388)
\p{XID_Start: Y*} (Short: \p{XIDS=Y}, \P{XIDS}) (100_724)
\p{XIDC} \p{XID_Continue} (= \p{XID_Continue=Y})
    (102_656)
\p{XIDC: *} \p{XID_Continue: *}
\p{XIDS} \p{XID_Start} (= \p{XID_Start=Y}) (100_724)
\p{XIDS: *} \p{XID_Start: *}

```

<code>\p{Xpeo}</code>	<code>\p{Old_Persian} (= \p{Script=Old_Persian})</code> <code>(NOT \p{Block=Old_Persian}) (50)</code>
<code>\p{XPerlSpace}</code>	<code>\s, including beyond ASCII (Short:</code> <code>\p{SpacePerl}) (25)</code>
<code>\p{XPosixAlnum}</code>	<code>\p{Alnum} (101_959)</code>
<code>\p{XPosixAlpha}</code>	<code>\p{Alpha} (= \p{Alphabetic=Y}) (101_539)</code>
<code>\p{XPosixBlank}</code>	<code>\p{Blank} (19)</code>
<code>\p{XPosixCntrl}</code>	<code>\p{Cntrl} (= \p{General_Category=Control})</code> <code>(65)</code>
<code>\p{XPosixDigit}</code>	<code>\p{Digit} (= \p{General_Category=</code> <code>Decimal_Number}) (420)</code>
<code>\p{XPosixGraph}</code>	<code>\p{Graph} (246_832)</code>
<code>\p{XPosixLower}</code>	<code>\p{Lower} (= \p{Lowercase=Y}) (/i= Cased=</code> <code>Yes) (1918)</code>
<code>\p{XPosixPrint}</code>	<code>\p{Print} (246_850)</code>
<code>\p{XPosixPunct}</code>	<code>\p{Punct} + ASCII-range \p{Symbol} (607)</code>
<code>\p{XPosixSpace}</code>	<code>\p{Space} (= \p{White_Space=Y}) (26)</code>
<code>\p{XPosixUpper}</code>	<code>\p{Upper} (= \p{Uppercase=Y}) (/i= Cased=</code> <code>Yes) (1478)</code>
<code>\p{XPosixWord}</code>	<code>\p{Word} (102_724)</code>
<code>\p{XPosixXDigit}</code>	<code>\p{XDigit} (= \p{Hex_Digit=Y}) (44)</code>
<code>\p{Xsux}</code>	<code>\p{Cuneiform} (= \p{Script=Cuneiform})</code> <code>(NOT \p{Block=Cuneiform}) (982)</code>
<code>\p{Yi}</code>	<code>\p{Script=Yi} (1220)</code>
X <code>\p{Yi_Radicals}</code>	<code>\p{Block=Yi_Radicals} (64)</code>
X <code>\p{Yi_Syllables}</code>	<code>\p{Block=Yi_Syllables} (1168)</code>
<code>\p{Yiii}</code>	<code>\p{Yi} (= \p{Script=Yi}) (1220)</code>
X <code>\p{Yijing_Hexagram_Symbols}</code>	<code>\p{Block=Yijing_Hexagram_Symbols} (64)</code>
<code>\p{Z}</code>	<code>\p{Separator} (= \p{General_Category=</code> <code>Separator}) (20)</code>
<code>\p{Zinh}</code>	<code>\p{Inherited} (= \p{Script=Inherited})</code> <code>(523)</code>
<code>\p{Zl}</code>	<code>\p{Line_Separator} (= \p{General_Category=</code> <code>Line_Separator}) (1)</code>
<code>\p{Zp}</code>	<code>\p{Paragraph_Separator} (=</code> <code>\p{General_Category=</code> <code>Paragraph_Separator}) (1)</code>
<code>\p{Zs}</code>	<code>\p{Space_Separator} (=</code> <code>\p{General_Category=Space_Separator})</code> <code>(18)</code>
<code>\p{Zyyy}</code>	<code>\p{Common} (= \p{Script=Common}) (6379)</code>
<code>\p{Zzzz}</code>	<code>\p{Unknown} (= \p{Script=Unknown})</code> <code>(1_004_663)</code>
T <code>\p{__CanonDCIJ}</code>	<code>(For internal use by Perl, not necessarily</code> <code>stable) (= \p{Soft_Dotted=Y}) (46)</code>
T <code>\p{__Case_Ignorable}</code>	<code>(For internal use by Perl, not necessarily</code> <code>stable) (= \p{Case_Ignorable=Y}) (1692)</code>
T <code>\p{__CombAbove}</code>	<code>(For internal use by Perl, not necessarily</code> <code>stable) (= \p{Canonical_Combining_Class=</code> <code>Above}) (320)</code>
T <code>\p{__X_Begin}</code>	<code>(For internal use by Perl, not necessarily</code> <code>stable) (1_113_907)</code>
T <code>\p{__X_Extend}</code>	<code>(For internal use by Perl, not necessarily</code> <code>stable) (1509)</code>
T <code>\p{__X_LV_LVT_V}</code>	<code>(For internal use by Perl, not necessarily</code> <code>stable) (11_267)</code>

## Legal `\p{}` and `\P{}` constructs that match no characters

Unicode has some property-value pairs that currently don't match anything. This happens generally either because they are obsolete, or for symmetry with other forms, but no language has yet been encoded that uses them. In this version of Unicode, the following match zero code points:

```
\p{Canonical_Combining_Class=Attached_Below_Left}
\p{Joining_Type=Left_Joining}
```

## Properties not accessible through `\p{}` and `\P{}`

A few properties are accessible in Perl via various function calls only. These are:

<code>Lowercase_Mapping</code>	<code>lc()</code> and <code>lcfirst()</code>
<code>Titlecase_Mapping</code>	<code>ucfirst()</code>
<code>Uppercase_Mapping</code>	<code>uc()</code>

`Case_Folding` is accessible through the `/i` modifier in regular expressions.

The `Name` property is accessible through the `\N{}` interpolation in double-quoted strings and regular expressions, but both usages require a `use charnames;` to be specified, which also contains related functions `viacode()`, `vianame()`, and `string_vianame()`.

## Unicode regular expression properties that are NOT accepted by Perl

Perl will generate an error for a few character properties in Unicode when used in a regular expression. The non-Unicode ones are listed below, with the reasons they are not accepted, perhaps with work-arounds. The short names for the properties are listed enclosed in (parentheses).

*Expands\_On\_NFC* (XO\_NFC)

*Expands\_On\_NFD* (XO\_NFD)

*Expands\_On\_NFKC* (XO\_NFKC)

*Expands\_On\_NFKD* (XO\_NFKD)

Deprecated by Unicode. These are characters that expand to more than one character in the specified normalization form, but whether they actually take up more bytes or not depends on the encoding being used. For example, a UTF-8 encoded character may expand to a different number of bytes than a UTF-32 encoded character.

*Grapheme\_Link* (Gr\_Link)

Deprecated by Unicode: Duplicates `ccc=vr` (`Canonical_Combining_Class=Virama`)

*Jamo\_Short\_Name* (JSN)

Used by Unicode internally for generating other properties and not intended to be used stand-alone

*Script=Katakana\_Or\_Hiragana* (sc=Hrkt)

Obsolete. All code points previously matched by this have been moved to "Script=Common"

An installation can choose to allow any of these to be matched by downloading the Unicode database from <http://www.unicode.org/Public/> to `$Config{privlib}/unicore/` in the Perl source tree, changing the controlling lists contained in the program `$Config{privlib}/unicore/mktables` and then re-compiling and installing. (`%Config` is available from the `Config` module).

## Files in the `To` directory (for serious hackers only)

All Unicode properties are really mappings (in the mathematical sense) from code points to their respective values. As part of its build process, Perl constructs tables containing these mappings for all properties that it deals with. Some, but not all, of these are written out into files. Those written out are in the directory `$Config{privlib}/unicore/To/` (`%Config` is available from the `Config` module).



Perl reserves the right to change the format and even the existence of any of those files without notice, except the ones that were in existence prior to release 5.13. If those change, a deprecation cycle will be done first. These are:

Bmg.pl	Bidi_Mirroring_Glyph (bmg)
Digit.pl	Perl_Decimal_Digit
Fold.pl	Case_Folding (cf)
Lower.pl	Lowercase_Mapping (lc)
NFKCCF.pl	NFKC_Casfold (NFKC_CF)
Title.pl	Titlecase_Mapping (tc)
Upper.pl	Uppercase_Mapping (uc)

Each of the files in this directory defines two hash entries to help reading programs decipher it. One of them looks like this:

```
$utf8::SwashInfo{'ToNAME'}{'format'} = 's';
```

where 'NAME' is a name to indicate the property. For backwards compatibility, this is not necessarily the property's official Unicode name. (The 'To' is also for backwards compatibility.) The hash entry gives the format of the mapping fields of the table, currently one of the following:

b	binary
c	Perl's internal (Normalize.pm) decomposition mapping
d	single decimal digit
f	floating point number
i	integer
r	rational: an integer or a fraction
s	string
x	positive hex whole number; a code point

This format applies only to the entries in the main body of the table. Entries defined in hashes or ones that are missing from the list can have a different format.

The value that the missing entries have is given by the other SwashInfo hash entry line; it looks like this:

```
$utf8::SwashInfo{'ToNAME'}{'missing'} = 'NaN';
```

This example line says that any Unicode code points not explicitly listed in the file have the value 'NaN' under the property indicated by NAME. If the value is the special string `<code point>`, it means that the value for any missing code point is the code point itself. This happens, for example, in the file for Uppercase\_Mapping (To/Upper.pl), in which code points like the character 'A', are missing because the uppercase of 'A' is itself.

## SEE ALSO

<http://www.unicode.org/reports/tr44/>

*perlrecharclass*

*perlunicode*