

General Punctuation

Range: 2000–206F

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 17.0*

This file may be changed at any time without notice to reflect errata, or other updates to the Unicode Standard.

See <https://www.unicode.org/errata/> for an up-to-date list of errata.

See <https://www.unicode.org/charts/> for access to a complete list of the latest character code charts. See <https://www.unicode.org/charts/PDF/Unicode-17.0/> for charts showing only the characters added in Unicode 17.0. See <https://www.unicode.org/Public/17.0.0/charts/> for a complete archived file of character code charts for Unicode 17.0. See <https://www.unicode.org/charts/About.html#Conventions> for conventions used in these code charts, and other general information.

Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 17.0 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this file, please consult the appropriate sections of The Unicode Standard, Version 17.0, online at <https://www.unicode.org/versions/Unicode17.0.0/>, as well as the Unicode Standard Annexes, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

See <https://www.unicode.org/ucd/> and <https://www.unicode.org/reports/>

A thorough understanding of the information contained in these additional sources is required for a successful implementation.

Fonts

The shapes of the reference glyphs used in these code charts are not prescriptive. Considerable variation is to be expected in actual fonts.

See <https://www.unicode.org/charts/fonts.html> for a list.

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












































































































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


















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| | 200 | 201 | 202 | 203 | 204 | 205 | 206 |
|---|---|---|---|---|---|---|---|
| 0 |  2000 |  2010 |  2020 |  2030 |  2040 |  2050 |  2060 |
| 1 |  2001 |  2011 |  2021 |  2031 |  2041 |  2051 |  2061 |
| 2 |  2002 |  2012 |  2022 |  2032 |  2042 |  2052 |  2062 |
| 3 |  2003 |  2013 |  2023 |  2033 |  2043 |  2053 |  2063 |
| 4 |  2004 |  2014 |  2024 |  2034 |  2044 |  2054 |  2064 |
| 5 |  2005 |  2015 |  2025 |  2035 |  2045 |  2055 |  2065 |
| 6 |  2006 |  2016 |  2026 |  2036 |  2046 |  2056 |  2066 |
| 7 |  2007 |  2017 |  2027 |  2037 |  2047 |  2057 |  2067 |
| 8 |  2008 |  2018 |  2028 |  2038 |  2048 |  2058 |  2068 |
| 9 |  2009 |  2019 |  2029 |  2039 |  2049 |  2059 |  2069 |
| A |  200A |  201A |  202A |  203A |  204A |  205A |  206A |
| B |  200B |  201B |  202B |  203B |  204B |  205B |  206B |
| C |  200C |  201C |  202C |  203C |  204C |  205C |  206C |
| D |  200D |  201D |  202D |  203D |  204D |  205D |  206D |
| E |  200E |  201E |  202E |  203E |  204E |  205E |  206E |
| F |  200F |  201F |  202F |  203F |  204F |  205F |  206F |



For additional general punctuation characters see also *Basic Latin, Latin-1, Supplemental Punctuation and CJK Symbols and Punctuation*.

Spaces




- 2000  EN QUAD
≡ 2002  en space
- 2001  EM QUAD
= mutton quad
≡ 2003  em space
- 2002  EN SPACE
= nut
• half an em
≈ 0020  space
- 2003  EM SPACE
= mutton
• nominally, a space equal to the type size in points
• may scale by the condensation factor of a font
≈ 0020  space
- 2004  THREE-PER-EM SPACE
= thick space
≈ 0020  space
- 2005  FOUR-PER-EM SPACE
= mid space
≈ 0020  space
- 2006  SIX-PER-EM SPACE
• in computer typography sometimes equated to thin space
≈ 0020  space
- 2007  FIGURE SPACE
• space equal to tabular width of a font, typically set to the same width as digit zero 0030 0
• this is equivalent to the digit width of fonts with fixed-width digits
≈ <noBreak> 0020  space
- 2008  PUNCTUATION SPACE
• space equal to narrow punctuation of a font, typically set to the same width as full stop 002E .
≈ 0020  space
- 2009  THIN SPACE
= narrow space
• this should be much narrower than space 0020  ; typically set to 1/5 or 1/6 em
→ 202F  narrow no-break space
≈ 0020  space
- 200A  HAIR SPACE
• thinner than a thin space; typically set to 1/10 to 1/16 em
• in traditional typography, the thinnest space available
≈ 0020  space

Format characters





- 200B  ZERO WIDTH SPACE
• commonly abbreviated ZWSP
• this character is intended for invisible word separation and for line break control; it has no width, but its presence between two characters does not prevent increased letter spacing in justification
- 200C  ZERO WIDTH NON-JOINER
• commonly abbreviated ZWNJ
- 200D  ZERO WIDTH JOINER
• commonly abbreviated ZWJ

- 200E  LEFT-TO-RIGHT MARK
• commonly abbreviated LRM
- 200F  RIGHT-TO-LEFT MARK
• commonly abbreviated RLM
→ 061C  arabic letter mark

Dashes

- 2010 - HYPHEN
→ 002D - hyphen-minus
→ 00AD  soft hyphen
- 2011  NON-BREAKING HYPHEN
≈ <noBreak> 2010 -
- 2012 — FIGURE DASH
- 2013 — EN DASH
- 2014 — EM DASH
• may be used in pairs to offset parenthetical text
→ 2E3A  two-em dash
→ 30FC — katakana-hiragana prolonged sound mark
- 2015 — HORIZONTAL BAR
= quotation dash
• long dash introducing quoted text

General punctuation

- 2016 || DOUBLE VERTICAL LINE
• used in pairs to indicate norm of a matrix
→ 20E6  combining double vertical stroke overlay
→ 2225 || parallel to
→ 23F8 || double vertical bar
- 2017 = DOUBLE LOW LINE
• this is a spacing character
→ 005F _ low line
→ 0333  combining double low line
≈ 0020  0333 

Quotation marks and apostrophe

Use of quotation marks differs by language. The character names cannot reflect actual usage for all languages.

- 2018 ‘ LEFT SINGLE QUOTATION MARK
= single turned comma quotation mark
• this is the preferred character (as opposed to 201B ‘)
→ 0027 ' apostrophe
→ 02BB ‘ modifier letter turned comma
→ 275B • heavy single turned comma quotation mark ornament
~ 2018 FE00 ‘ non-fullwidth form
~ 2018 FE01 ‘ right-justified fullwidth form
~ 2018 FE02 ‘ Sibe form
- 2019 ’ RIGHT SINGLE QUOTATION MARK
= single comma quotation mark
• this is the preferred character to use for apostrophe
→ 0027 ' apostrophe
→ 02BC ’ modifier letter apostrophe
→ 275C • heavy single comma quotation mark ornament
~ 2019 FE00 ’ non-fullwidth form
~ 2019 FE01 ’ left-justified fullwidth form
~ 2019 FE02 ’ Sibe form
- 201A , SINGLE LOW-9 QUOTATION MARK
= low single comma quotation mark
• used as opening single quotation mark in some languages

- 201B ‘ **SINGLE HIGH-REVERSED-9 QUOTATION MARK**
= single reversed comma quotation mark
• has same semantic as 2018 ‘, but differs in appearance
→ 02BD ‘ modifier letter reversed comma
- 201C “ **LEFT DOUBLE QUOTATION MARK**
= double turned comma quotation mark
• this is the preferred character (as opposed to 201F “)
→ 0022 " quotation mark
→ 275D “ heavy double turned comma quotation mark ornament
→ 301D “ reversed double prime quotation mark
~ 201C FE00 “ non-fullwidth form
~ 201C FE01 “ right-justified fullwidth form
~ 201C FE02 “ Sibe form
- 201D ” **RIGHT DOUBLE QUOTATION MARK**
= double comma quotation mark
→ 0022 " quotation mark
→ 2033 ” double prime
→ 275E ” heavy double comma quotation mark ornament
→ 301E ” double prime quotation mark
~ 201D FE00 ” non-fullwidth form
~ 201D FE01 ” left-justified fullwidth form
~ 201D FE02 ” Sibe form
- 201E „ **DOUBLE LOW-9 QUOTATION MARK**
= low double comma quotation mark
• used as opening double quotation mark in some languages
→ 2E42 „ double low-reversed-9 quotation mark
→ 301F „ low double prime quotation mark
- 201F “ **DOUBLE HIGH-REVERSED-9 QUOTATION MARK**
= double reversed comma quotation mark
• has same semantic as 201C “, but differs in appearance

General punctuation

- 2020 † **DAGGER**
= obelisk, long cross, oblong cross
→ 2E38 † turned dagger
- 2021 ‡ **DOUBLE DAGGER**
= diesis, double obelisk
→ 2E4B ‡ triple dagger
- 2022 • **BULLET**
= black small circle
→ 00B7 • middle dot
→ 2024 . one dot leader
→ 2219 • bullet operator
→ 25D8 ◻ inverse bullet
→ 25E6 ◦ white bullet
- 2023 ▶ **TRIANGULAR BULLET**
→ 220E ■ end of proof
→ 25B8 ▶ black right-pointing small triangle
- 2024 . **ONE DOT LEADER**
• also used as an Armenian semicolon (mijaket)
→ 00B7 • middle dot
→ 2022 • bullet
→ 2219 • bullet operator
≈ 002E . full stop
- 2025 .. **TWO DOT LEADER**
≈ 002E . 002E .

- 2026 ... **HORIZONTAL ELLIPSIS**
= three dot leader
→ 22EE ∴ vertical ellipsis
→ FE19 ∴ presentation form for vertical horizontal ellipsis
≈ 002E . 002E . 002E .
- 2027 - **HYPHENATION POINT**
• visible symbol used to indicate correct positions for word breaking, as in dictionaries

Separators

- 2028 ¶ **LINE SEPARATOR**
• may be used to represent this semantic unambiguously
- 2029 ¶ **PARAGRAPH SEPARATOR**
• may be used to represent this semantic unambiguously

Format characters

- 202A ⌵ **LEFT-TO-RIGHT EMBEDDING**
• commonly abbreviated LRE
- 202B ⌵ **RIGHT-TO-LEFT EMBEDDING**
• commonly abbreviated RLE
- 202C PDF **POP DIRECTIONAL FORMATTING**
• commonly abbreviated PDF
- 202D ⌵ **LEFT-TO-RIGHT OVERRIDE**
• commonly abbreviated LRO
- 202E ⌵ **RIGHT-TO-LEFT OVERRIDE**
• commonly abbreviated RLO

Space

- 202F ␣ **NARROW NO-BREAK SPACE**
= no-break thin space
• commonly abbreviated NNBSP
• a narrow form of a no-break space; should be the same width as thin space 2009 ␣
→ 00A0 ␣ no-break space
→ 2005 4/M ␣ four-per-em space
→ 2009 8/H ␣ thin space
≈ <noBreak> 0020 ␣

General punctuation

- 2030 ‰ **PER MILLE SIGN**
= permille, per thousand
• used, for example, in measures of blood alcohol content, salinity, etc.
→ 0025 ‰ percent sign
→ 0609 ‰ arabic-indic per mille sign
- 2031 ‰ **PER TEN THOUSAND SIGN**
= permyriad
• percent of a percent, rarely used
→ 0025 ‰ percent sign
→ 060A ‰ arabic-indic per ten thousand sign
- 2032 ' **PRIME**
= minutes, feet
→ 0027 ' apostrophe
→ 00B4 ´ acute accent
→ 02B9 ´ modifier letter prime
- 2033 " **DOUBLE PRIME**
= seconds, inches
→ 0022 " quotation mark
→ 02BA " modifier letter double prime
→ 201D ” right double quotation mark
→ 3003 ” ditto mark
→ 301E ” double prime quotation mark
≈ 2032 ' 2032 '

- 2034 ′′′ TRIPLE PRIME
= lines (old measure, 1/12 of an inch)
≈ 2032 ′ 2032 ′ 2032 ′
- 2035 ` REVERSED PRIME
→ 0060 ` grave accent
- 2036 ′′ REVERSED DOUBLE PRIME
→ 201D ′′ reversed double prime quotation mark
≈ 2035 ` 2035 `
- 2037 ′′′ REVERSED TRIPLE PRIME
≈ 2035 ` 2035 ` 2035 `
- 2038 ^ CARET
→ 2303 ^ up arrowhead
→ A788 ^ modifier letter low circumflex accent

Quotation marks

- 2039 ‹ SINGLE LEFT-POINTING ANGLE QUOTATION MARK
= left pointing single guillemet
• usually opening, sometimes closing
→ 003C ‹ less-than sign
→ 2329 ‹ left-pointing angle bracket
→ 3008 ‹ left angle bracket
- 203A › SINGLE RIGHT-POINTING ANGLE QUOTATION MARK
= right pointing single guillemet
• usually closing, sometimes opening
→ 003E › greater-than sign
→ 232A › right-pointing angle bracket
→ 3009 › right angle bracket

General punctuation

- 203B ※ REFERENCE MARK
= Japanese kome
= Urdu paragraph separator
→ 0FBF ※ tibetan ku ru kha bzhi mig can
→ 200AD ※

Double punctuation for vertical text

- 203C !! DOUBLE EXCLAMATION MARK
→ 0021 ! exclamation mark
≈ 0021 ! 0021 !

General punctuation

- 203D ? INTERROBANG
→ 0021 ! exclamation mark
→ 003F ? question mark
→ 2E18 ? inverted interrobang
→ 1F679 ? heavy interrobang ornament
- 203E ¯ OVERLINE
= spacing overscore
≈ 0020 ¯ 0305 ¯
- 203F ¯ UNDERTIE
= Greek enotikon
→ 2323 ¯ smile
- 2040 ¯ CHARACTER TIE
= z notation sequence concatenation
→ 2322 ¯ frown
- 2041 ^ CARET INSERTION POINT
• proofreader's mark: insert here
→ 22CC ^ right semidirect product
- 2042 ** ASTERISM
- 2043 - HYPHEN BULLET
→ 002D - hyphen-minus

- 2044 / FRACTION SLASH
= solidus (in typography)
• for composing arbitrary fractions
→ 002F / solidus
→ 2215 / division slash

Brackets

- 2045 [LEFT SQUARE BRACKET WITH QUILL
→ 2E20 [left vertical bar with quill
→ 2E55 [left square bracket with stroke
- 2046] RIGHT SQUARE BRACKET WITH QUILL

Double punctuation for vertical text

- 2047 ?? DOUBLE QUESTION MARK
≈ 003F ? 003F ?
- 2048 ?! QUESTION EXCLAMATION MARK
≈ 003F ? 0021 !
- 2049 !? EXCLAMATION QUESTION MARK
≈ 0021 ! 003F ?

General punctuation

- 204A 7 TIRONIAN SIGN ET
• Irish Gaelic, Old English, ...
→ 0026 & ampersand
→ 2E52 7 tironian sign capital et
→ 1F670 et script ligature et ornament
- 204B ¶ REVERSED PILCROW SIGN
→ 00B6 ¶ pilcrow sign
→ 2E4D ¶ paragraphus mark
- 204C ◄ BLACK LEFTWARDS BULLET
- 204D ► BLACK RIGHTWARDS BULLET
- 204E * LOW ASTERISK
→ 002A * asterisk
→ 0359 9 combining asterisk below
- 204F ; REVERSED SEMICOLON
• used occasionally in Sindhi when Sindhi is written in the Arabic script
→ 003B ; semicolon
→ 061B ; arabic semicolon
- 2050 ☐ CLOSE UP
• editing mark
→ AB5B ☐ modifier breve with inverted breve
- 2051 ** TWO ASTERISKS ALIGNED VERTICALLY
- 2052 % COMMERCIAL MINUS SIGN
= abzüglich (German), med avdrag av (Swedish), piska (Swedish, "whip")
• a common glyph variant and fallback representation looks like ./.
• may also be used as a dingbat to indicate correctness
• used in Finno-Ugric Phonetic Alphabet to indicate a related borrowed form with different sound
→ 0025 % percent sign
→ 066A % arabic percent sign
→ 00F7 ÷ division sign
- 2053 ~ SWUNG DASH
→ 007E ~ tilde
- 2054 ¯ INVERTED UNDERTIE
- 2055 * FLOWER PUNCTUATION MARK
= phul, puspika
• used as a punctuation mark with Syloti Nagri, Bengali and other Indic scripts
→ 274B * heavy eight teardrop-spoked propeller asterisk

Archaic punctuation

2056 ∴ **THREE DOT PUNCTUATION**
→ 10FB ∴ georgian paragraph separator

General punctuation

2057 ⁂ **QUADRUPLE PRIME**
≈ 2032 ′ 2032 ′ 2032 ′ 2032 ′

Archaic punctuation

See also *historic punctuation with multiple dots in the range 2E2A-2E2D*.

2058 ∴ **FOUR DOT PUNCTUATION**

2059 ∴ **FIVE DOT PUNCTUATION**

= Greek pentonkion

= quincunx

→ 2684 ☒ die face-5

205A ∴ **TWO DOT PUNCTUATION**

• historically used to indicate the end of a sentence or change of speaker

• extends from baseline to cap height

→ FE30 ∴ presentation form for vertical two dot leader

→ 1015B ∴ greek acrophonic epidaurean two

205B ∴ **FOUR DOT MARK**

• used by scribes in the margin as highlighter mark

• this is centered on the line, but extends beyond top and bottom of the line

205C ∴ **DOTTED CROSS**

• used by scribes in the margin as highlighter mark

205D ∴ **TRICOLON**

= Epidaurean acrophonic symbol three

→ 22EE ∴ vertical ellipsis

→ 2AF6 ∴ triple colon operator

→ FE19 ∴ presentation form for vertical horizontal ellipsis

205E ∴ **VERTICAL FOUR DOTS**

• used in dictionaries to indicate legal but undesirable word break

• glyph extends the whole height of the line

→ 2E3D ∴ vertical six dots

Space

205F ⁂ **MEDIUM MATHEMATICAL SPACE**

• abbreviated MMSP

• four-eighteenths of an em

≈ 0020 ⁂ space

Format character

2060 ⁂ **WORD JOINER**

• commonly abbreviated WJ

• a zero width non-breaking space (only)

• intended for disambiguation of functions for byte order mark

→ FEFF ⁂ zero width no-break space

Invisible operators

2061 ⁂ **FUNCTION APPLICATION**

• contiguity operator indicating application of a function

2062 ⁂ **INVISIBLE TIMES**

• contiguity operator indicating multiplication

2063 ⁂ **INVISIBLE SEPARATOR**

= invisible comma

• contiguity operator indicating that adjacent mathematical symbols form a list, e.g. when no visible comma is used between multiple indices

2064 ⁂ **INVISIBLE PLUS**

• contiguity operator indicating addition

Format characters

2066 ⁂ **LEFT-TO-RIGHT ISOLATE**

• commonly abbreviated LRI

2067 ⁂ **RIGHT-TO-LEFT ISOLATE**

• commonly abbreviated RLI

2068 ⁂ **FIRST STRONG ISOLATE**

• commonly abbreviated FSI

2069 ⁂ **POP DIRECTIONAL ISOLATE**

• commonly abbreviated PDI

Deprecated

Use of these characters is strongly discouraged.

206A ⁂ **INHIBIT SYMMETRIC SWAPPING**

206B ⁂ **ACTIVATE SYMMETRIC SWAPPING**

206C ⁂ **INHIBIT ARABIC FORM SHAPING**

206D ⁂ **ACTIVATE ARABIC FORM SHAPING**

206E ⁂ **NATIONAL DIGIT SHAPES**

206F ⁂ **NOMINAL DIGIT SHAPES**

Standardized Variation Sequences

2018 ‘ LEFT SINGLE QUOTATION MARK

2018 ‘ non-fullwidth form

2018 FE00 ‘ right-justified fullwidth form

2018 FE01 ‘ Sibe form

2019 ’ RIGHT SINGLE QUOTATION MARK

2019 ’ non-fullwidth form

2019 FE00 ’ left-justified fullwidth form

2019 FE01 ’ Sibe form

201C “ LEFT DOUBLE QUOTATION MARK

201C “ non-fullwidth form

201C FE00 “ right-justified fullwidth form

201C FE01 “ Sibe form

201D ” RIGHT DOUBLE QUOTATION MARK

201D ” non-fullwidth form

201D FE00 ” left-justified fullwidth form

201D FE01 ” Sibe form

201D FE02