

## CJK Compatibility Forms

Range: FE30–FE4F

### The Unicode Standard, Version 15.1

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 15.1*

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-15.1/> for charts showing only the characters added in Unicode 15.1. See <https://www.unicode.org/Public/15.1.0/charts/> for a complete archived file of character code charts for Unicode 15.1. 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 15.1 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 15.1, online at <https://www.unicode.org/versions/Unicode15.1.0/>, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, #44, #45, and #50, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

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

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

Copying characters from the character code tables or list of character names is not recommended, because for production reasons the PDF files for the code charts cannot guarantee that the correct character codes will always be copied.

### Fonts

The shapes of the reference glyphs used in these code charts are not prescriptive. Considerable variation is to be expected in actual fonts. The particular fonts used in these charts were provided to the Unicode Consortium by a number of different font designers, who own the rights to the fonts.

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

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




























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See <https://www.unicode.org/pending/pending.html> and <http://www.unicode.org/alloc/Pipeline.html>.

See <https://www.unicode.org/charts/About.html> for more information concerning the conventions and symbols used in these code charts.

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|   | FE3   | FE4   |
|---|---|---|
| 0 | <br>FE30   | <br>FE40   |
| 1 | <br>FE31   | <br>FE41   |
| 2 | <br>FE32   | <br>FE42   |
| 3 | <br>FE33   | <br>FE43   |
| 4 | <br>FE34   | <br>FE44   |
| 5 | <br>FE35   | <br>FE45   |
| 6 | <br>FE36   | <br>FE46   |
| 7 | <br>FE37 | <br>FE47 |
| 8 | <br>FE38 | <br>FE48 |
| 9 | <br>FE39 | <br>FE49 |
| A | <br>FE3A | <br>FE4A |
| B | <br>FE3B | <br>FE4B |
| C | <br>FE3C | <br>FE4C |
| D | <br>FE3D | <br>FE4D |
| E | <br>FE3E | <br>FE4E |
| F | <br>FE3F | <br>FE4F |

**Glyphs for vertical variants**

|      |   |  |
|------|---|--|
| FE30 | : | PRESENTATION FORM FOR VERTICAL TWO DOT LEADER<br>≈ <vertical> 2025 ..  |
| FE31 |   | PRESENTATION FORM FOR VERTICAL EM DASH<br>≈ <vertical> 2014 —  |
| FE32 | · | PRESENTATION FORM FOR VERTICAL EN DASH<br>≈ <vertical> 2013 –  |
| FE33 |   | PRESENTATION FORM FOR VERTICAL LOW LINE<br>≈ <vertical> 005F _   |
| FE34 | } | PRESENTATION FORM FOR VERTICAL WAVY LOW LINE<br>≈ <vertical> 005F _  |
| FE35 | ( | PRESENTATION FORM FOR VERTICAL LEFT PARENTHESIS<br>→ 23DC ( top parenthesis<br>≈ <vertical> 0028 (                           |
| FE36 | ) | PRESENTATION FORM FOR VERTICAL RIGHT PARENTHESIS<br>→ 23DD ) bottom parenthesis<br>≈ <vertical> 0029 )                       |
| FE37 | { | PRESENTATION FORM FOR VERTICAL LEFT CURLY BRACKET<br>→ 23DE { top curly bracket<br>≈ <vertical> 007B {                       |
| FE38 | } | PRESENTATION FORM FOR VERTICAL RIGHT CURLY BRACKET<br>→ 23DF } bottom curly bracket<br>≈ <vertical> 007D }                   |
| FE39 | [ | PRESENTATION FORM FOR VERTICAL LEFT TORTOISE SHELL BRACKET<br>→ 23E0 [ top tortoise shell bracket<br>≈ <vertical> 3014 [     |
| FE3A | ] | PRESENTATION FORM FOR VERTICAL RIGHT TORTOISE SHELL BRACKET<br>→ 23E1 ] bottom tortoise shell bracket<br>≈ <vertical> 3015 ] |
| FE3B | ⌈ | PRESENTATION FORM FOR VERTICAL LEFT BLACK LENTICULAR BRACKET<br>≈ <vertical> 3010 ⌈  |
| FE3C | ⌋ | PRESENTATION FORM FOR VERTICAL RIGHT BLACK LENTICULAR BRACKET<br>≈ <vertical> 3011 ⌋   |
| FE3D | ⌌ | PRESENTATION FORM FOR VERTICAL LEFT DOUBLE ANGLE BRACKET<br>≈ <vertical> 300A ⌌  |
| FE3E | ⌍ | PRESENTATION FORM FOR VERTICAL RIGHT DOUBLE ANGLE BRACKET<br>≈ <vertical> 300B ⌍   |
| FE3F | ⌎ | PRESENTATION FORM FOR VERTICAL LEFT ANGLE BRACKET<br>≈ <vertical> 3008 ⌎   |
| FE40 | ⌏ | PRESENTATION FORM FOR VERTICAL RIGHT ANGLE BRACKET<br>≈ <vertical> 3009 ⌏  |
| FE41 | ⌐ | PRESENTATION FORM FOR VERTICAL LEFT CORNER BRACKET<br>≈ <vertical> 300C ⌐  |
| FE42 | ⌑ | PRESENTATION FORM FOR VERTICAL RIGHT CORNER BRACKET<br>≈ <vertical> 300D ⌑   |
| FE43 | ⌒ | PRESENTATION FORM FOR VERTICAL LEFT WHITE CORNER BRACKET<br>≈ <vertical> 300E ⌒  |

FE44 ⌓ PRESENTATION FORM FOR VERTICAL RIGHT WHITE CORNER BRACKET  
≈ <vertical> 300F ⌓

**Sidelineing emphasis marks**

|      |   |  |
|------|---|--|
| FE45 | ◌ | SESAME DOT<br>→ FE51 ◌, small ideographic comma                              |
| FE46 | ◌ | WHITE SESAME DOT<br>• sesame dots are used beside vertical text for emphasis |

**Glyphs for vertical variants**

|      |   |  |
|------|---|--|
| FE47 | ⌔ | PRESENTATION FORM FOR VERTICAL LEFT SQUARE BRACKET<br>→ 23B4 ⌔ top square bracket<br>≈ <vertical> 005B [     |
| FE48 | ⌕ | PRESENTATION FORM FOR VERTICAL RIGHT SQUARE BRACKET<br>→ 23B5 ⌕ bottom square bracket<br>≈ <vertical> 005D ] |

**Overscores and underscores**

|      |   |   |
|------|---|---|
| FE49 | ⌖ | DASHED OVERLINE<br>≈ 203E ⌖ overline      |
| FE4A | ⌗ | CENTRELINE OVERLINE<br>≈ 203E ⌗ overline  |
| FE4B | ⌘ | WAVY OVERLINE<br>≈ 203E ⌘ overline        |
| FE4C | ⌙ | DOUBLE WAVY OVERLINE<br>≈ 203E ⌙ overline |
| FE4D | ⌚ | DASHED LOW LINE<br>≈ 005F _ low line      |
| FE4E | ⌛ | CENTRELINE LOW LINE<br>≈ 005F _ low line  |
| FE4F | ⌜ | WAVY LOW LINE<br>≈ 005F _ low line        |