Unicode table - List of most common Unicode characters *

* This summary list contains about 2000 characters for most common ocidental/latin languages and most printable symbols but **not** chinese, japanese, arab, archaic and some unprintable. Contains character codes in HEX (hexadecimal), decimal number, name/description and corresponding printable symbol.

What is Unicode?

Unicode is a standard created to define letters of all languages and characters such as punctuation and technical symbols. Today, UNICODE (UTF-8) is the most used character set encoding (used by almost 70% of websites, in 2013). The second most used character set is ISO-8859-1 (about 20% of websites), but this old encoding format is being replaced by Unicode.

How to identify the Unicode number for a character?

Type or paste a character:

How to type Unicode using Windows

Open Microsoft Word or wordpad text editor, type the desired hex code number and press "ALT-X". The number will be converted to the corresponding Unicode symbol if the symbol is available in the current font (typeface).
Example:
To type the copyright symbol using windows, type "00a9" followed by "alt-x". It will display ©

Unicode examples

The Euro symbol (€) in HTML is € or €
How to type the Euro symbol in Windows (Microsoft Word or wordpad text editor):
Type the number 20AC and press Alt-x. The number "20AC" will be converted to € (euro currency symbol) automatically.

ASCII punctuation and symbols

U+0020 (alt-032) SPACE

!   U+0021 (alt-033) EXCLAMATION MARK = factorial = bang

"   U+0022 (alt-034) QUOTATION MARK

U+0023 (alt-035) NUMBER SIGN = pound sign, hash, crosshatch, octothorpe

$ U+0024 (alt-036) DOLLAR SIGN = milreis, escudo

%   U+0025 (alt-037) PERCENT SIGN

&   U+0026 (alt-038) AMPERSAND

'   U+0027 (alt-039) APOSTROPHE = apostrophe-quote = APL quote

(U+0028 (alt-040) LEFT PARENTHESIS = opening parenthesis

)   U+0029 (alt-041) RIGHT PARENTHESIS = closing parenthesis

*   U+002A (alt-042) ASTERISK = star (on phone keypads)

+   U+002B (alt-043) PLUS SIGN

,   U+002C (alt-044) COMMA = decimal separator

-     U+002D (alt-045) HYPHEN-MINUS = hyphen or minus sign

.   U+002E (alt-046) FULL STOP (period, dot, decimal point)

/   U+002F (alt-047) SOLIDUS (slash, virgule)

ASCII digits

0   U+0030 (alt-048) DIGIT ZERO

1   U+0031 (alt-049) DIGIT ONE

2   U+0032 (alt-050) DIGIT TWO

3   U+0033 (alt-051) DIGIT THREE

4   U+0034 (alt-052) DIGIT FOUR

5   U+0035 (alt-053) DIGIT FIVE

6   U+0036 (alt-054) DIGIT SIX

7   U+0037 (alt-055) DIGIT SEVEN

8   U+0038 (alt-056) DIGIT EIGHT

9   U+0039 (alt-057) DIGIT NINE

ASCII punctuation and symbols

:   U+003A (alt-058) COLON

;   U+003B (alt-059) SEMICOLON

<   U+003C (alt-060) LESS-THAN SIGN

=   U+003D (alt-061) EQUALS SIGN

>   U+003E (alt-062) GREATER-THAN SIGN

?   U+003F (alt-063) QUESTION MARK

@   U+0040 (alt-064) COMMERCIAL AT (at sign)

Uppercase Latin alphabet

A   U+0041 (alt-065) LATIN CAPITAL LETTER A

B   U+0042 (alt-066) LATIN CAPITAL LETTER B

C   U+0043 (alt-067) LATIN CAPITAL LETTER C

D   U+0044 (alt-068) LATIN CAPITAL LETTER D

E   U+0045 (alt-069) LATIN CAPITAL LETTER E

F   U+0046 (alt-070) LATIN CAPITAL LETTER F

G   U+0047 (alt-071) LATIN CAPITAL LETTER G

H   U+0048 (alt-072) LATIN CAPITAL LETTER H

I   U+0049 (alt-073) LATIN CAPITAL LETTER I

J   U+004A (alt-074) LATIN CAPITAL LETTER J

K   U+004B (alt-075) LATIN CAPITAL LETTER K

L   U+004C (alt-076) LATIN CAPITAL LETTER L

M   U+004D (alt-077) LATIN CAPITAL LETTER M

N   U+004E (alt-078) LATIN CAPITAL LETTER N

O   U+004F (alt-079) LATIN CAPITAL LETTER O

P   U+0050 (alt-080) LATIN CAPITAL LETTER P

Q   U+0051 (alt-081) LATIN CAPITAL LETTER Q

R   U+0052 (alt-082) LATIN CAPITAL LETTER R

S   U+0053 (alt-083) LATIN CAPITAL LETTER S

T   U+0054 (alt-084) LATIN CAPITAL LETTER T

U   U+0055 (alt-085) LATIN CAPITAL LETTER U

V   U+0056 (alt-086) LATIN CAPITAL LETTER V

W   U+0057 (alt-087) LATIN CAPITAL LETTER W

X   U+0058 (alt-088) LATIN CAPITAL LETTER X

Y   U+0059 (alt-089) LATIN CAPITAL LETTER Y

Z   U+005A (alt-090) LATIN CAPITAL LETTER Z

ASCII punctuation and symbols

[U+005B (alt-091) LEFT SQUARE BRACKET = opening square bracket

\   U+005C (alt-092) REVERSE SOLIDUS = backslash

]   U+005D (alt-093) RIGHT SQUARE BRACKET = closing square bracket

^   U+005E (alt-094) CIRCUMFLEX ACCENT

_   U+005F (alt-095) LOW LINE (spacing underscore)

`   U+0060 (alt-096) GRAVE ACCENT

Lowercase Latin alphabet

a   U+0061 (alt-097)   LATIN SMALL LETTER A

b   U+0062 (alt-098)   LATIN SMALL LETTER B

c   U+0063 (alt-099)   LATIN SMALL LETTER C

d   U+0064 (alt-0100)   LATIN SMALL LETTER D

e   U+0065 (alt-0101)   LATIN SMALL LETTER E

f   U+0066 (alt-0102)   LATIN SMALL LETTER F

g   U+0067 (alt-0103)   LATIN SMALL LETTER G

h   U+0068 (alt-0104)   LATIN SMALL LETTER H

i   U+0069 (alt-0105)   LATIN SMALL LETTER I

j   U+006A (alt-0106)   LATIN SMALL LETTER J

k   U+006B (alt-0107)   LATIN SMALL LETTER K

l   U+006C (alt-0108)   LATIN SMALL LETTER L

m   U+006D (alt-0109)   LATIN SMALL LETTER M

n   U+006E (alt-0110)   LATIN SMALL LETTER N

o   U+006F (alt-0111)   LATIN SMALL LETTER O

p   U+0070 (alt-0112)   LATIN SMALL LETTER P

q   U+0071 (alt-0113)   LATIN SMALL LETTER Q

r   U+0072 (alt-0114)   LATIN SMALL LETTER R

s   U+0073 (alt-0115)   LATIN SMALL LETTER S

t   U+0074 (alt-0116)   LATIN SMALL LETTER T

u   U+0075 (alt-0117)   LATIN SMALL LETTER U

v   U+0076 (alt-0118)   LATIN SMALL LETTER V

w   U+0077 (alt-0119)   LATIN SMALL LETTER W

x   U+0078 (alt-0120)   LATIN SMALL LETTER X

y   U+0079 (alt-0121)   LATIN SMALL LETTER Y

z   U+007A (alt-0122)   LATIN SMALL LETTER Z

ASCII punctuation and symbols

{   U+007B (alt-0123) LEFT CURLY BRACKET = opening curly bracket = left brace

| U+007C (alt-0124) VERTICAL LINE = vertical bar

}   U+007D (alt-0125) RIGHT CURLY BRACKET = closing curly bracket = right brace

~   U+007E (alt-0126) TILDE

Control character

U+007F (alt-0127) <control> = DELETE

Latin-1 punctuation and symbols (Based on ISO/IEC 8859-1 (aka Latin-1) from here.)

U+00A0 (alt-0160) NO-BREAK SPACE (commonly abbreviated as NBSP)

¡   U+00A1 (alt-0161) INVERTED EXCLAMATION MARK (Spanish, Asturian, Galician)

¢   U+00A2 (alt-0162) CENT SIGN

£   U+00A3 (alt-0163) POUND SIGN (pound sterling, Irish punt, Italian lira, Turkish lira, etc.)

¤   U+00A4 (alt-0164) CURRENCY SIGN

¥   U+00A5 (alt-0165) YEN SIGN = yuan sign

¦   U+00A6 (alt-0166) BROKEN BAR = broken vertical bar = parted rule (in typography)

§   U+00A7 (alt-0167) SECTION SIGN

¨   U+00A8 (alt-0168) DIAERESIS

©   U+00A9 (alt-0169) COPYRIGHT SIGN

ª	U+00AA (alt-0170)	FEMININE ORDINAL INDICATOR (windows "alt 166")
«	U+00AB (alt-0171)	LEFT-POINTING DOUBLE ANGLE QUOTATION MARK = left guillemet = chevrons (in typography)
¬	U+00AC (alt-0172)	NOT SIGN = angled dash (in typography)
	U+00AD (alt-0173)	SOFT HYPHEN = discretionary hyphen
®	U+00AE (alt-0174)	REGISTERED SIGN = registered trade mark sign

¯   U+00AF (alt-0175) MACRON = overline, APL overbar

°   U+00B0 (alt-0176) DEGREE SIGN

±   U+00B1 (alt-0177) PLUS-MINUS SIGN

²   U+00B2 (alt-0178) SUPERSCRIPT TWO = squared

³   U+00B3 (alt-0179) SUPERSCRIPT THREE = cubed

´   U+00B4 (alt-0180) ACUTE ACCENT

µ   U+00B5 (alt-0181) MICRO SIGN

¶   U+00B6 (alt-0182) PILCROW SIGN = paragraph sign

·   U+00B7 (alt-0183) MIDDLE DOT = midpoint (in typography) = Georgian comma = Greek middle dot (ano teleia)

¸   U+00B8 (alt-0184) CEDILLA

¹   U+00B9 (alt-0185) SUPERSCRIPT ONE

º   U+00BA (alt-0186)   MASCULINE ORDINAL INDICATOR (windows "alt 167")

»   U+00BB (alt-0187)   RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK = right guillemet

¼   U+00BC (alt-0188)   VULGAR FRACTION ONE QUARTER

½   U+00BD (alt-0189)   VULGAR FRACTION ONE HALF

¾   U+00BE (alt-0190)   VULGAR FRACTION THREE QUARTERS

¿   U+00BF (alt-0191)   INVERTED QUESTION MARK = turned question mark

Letters

À   U+00C0 (alt-0192) LATIN CAPITAL LETTER A WITH GRAVE

Á   U+00C1 (alt-0193) LATIN CAPITAL LETTER A WITH ACUTE

Â   U+00C2 (alt-0194) LATIN CAPITAL LETTER A WITH CIRCUMFLEX

Ã   U+00C3 (alt-0195) LATIN CAPITAL LETTER A WITH TILDE

Ä   U+00C4 (alt-0196) LATIN CAPITAL LETTER A WITH DIAERESIS

Å   U+00C5 (alt-0197) LATIN CAPITAL LETTER A WITH RING ABOVE

Æ   U+00C6 (alt-0198) LATIN CAPITAL LETTER AE = latin capital ligature ae

Ç   U+00C7 (alt-0199) LATIN CAPITAL LETTER C WITH CEDILLA

È   U+00C8 (alt-0200) LATIN CAPITAL LETTER E WITH GRAVE

É   U+00C9 (alt-0201) LATIN CAPITAL LETTER E WITH ACUTE

Ê   U+00CA (alt-0202) LATIN CAPITAL LETTER E WITH CIRCUMFLEX

Ë   U+00CB (alt-0203) LATIN CAPITAL LETTER E WITH DIAERESIS

Ì   U+00CC (alt-0204) LATIN CAPITAL LETTER I WITH GRAVE

Í   U+00CD (alt-0205) LATIN CAPITAL LETTER I WITH ACUTE

Î   U+00CE (alt-0206) LATIN CAPITAL LETTER I WITH CIRCUMFLEX

Ï   U+00CF (alt-0207) LATIN CAPITAL LETTER I WITH DIAERESIS

Ð   U+00D0 (alt-0208) LATIN CAPITAL LETTER ETH

Ñ   U+00D1 (alt-0209) LATIN CAPITAL LETTER N WITH TILDE

Ò   U+00D2 (alt-0210) LATIN CAPITAL LETTER O WITH GRAVE

Ó   U+00D3 (alt-0211) LATIN CAPITAL LETTER O WITH ACUTE

Ô   U+00D4 (alt-0212) LATIN CAPITAL LETTER O WITH CIRCUMFLEX

Õ   U+00D5 (alt-0213) LATIN CAPITAL LETTER O WITH TILDE

Ö   U+00D6 (alt-0214) LATIN CAPITAL LETTER O WITH DIAERESIS

Mathematical operator

×   U+00D7 (alt-0215) MULTIPLICATION SIGN = z notation Cartesian product

Letters

Ø   U+00D8 (alt-0216) LATIN CAPITAL LETTER O WITH STROKE = o slash

Ù   U+00D9 (alt-0217) LATIN CAPITAL LETTER U WITH GRAVE

Ú   U+00DA (alt-0218) LATIN CAPITAL LETTER U WITH ACUTE

Û   U+00DB (alt-0219) LATIN CAPITAL LETTER U WITH CIRCUMFLEX

Ü   U+00DC (alt-0220) LATIN CAPITAL LETTER U WITH DIAERESIS

Ý   U+00DD (alt-0221) LATIN CAPITAL LETTER Y WITH ACUTE

Þ   U+00DE (alt-0222) LATIN CAPITAL LETTER THORN

ß   U+00DF (alt-0223) LATIN SMALL LETTER SHARP S = Eszett

à   U+00E0 (alt-0224) LATIN SMALL LETTER A WITH GRAVE

á   U+00E1 (alt-0225) LATIN SMALL LETTER A WITH ACUTE

â   U+00E2 (alt-0226) LATIN SMALL LETTER A WITH CIRCUMFLEX

ã   U+00E3 (alt-0227) LATIN SMALL LETTER A WITH TILDE

ä   U+00E4 (alt-0228) LATIN SMALL LETTER A WITH DIAERESIS

å   U+00E5 (alt-0229) LATIN SMALL LETTER A WITH RING ABOVE

æ   U+00E6 (alt-0230) LATIN SMALL LETTER AE = latin small ligature ae = ash (from Old English æsc)

ç   U+00E7 (alt-0231) LATIN SMALL LETTER C WITH CEDILLA

è   U+00E8 (alt-0232) LATIN SMALL LETTER E WITH GRAVE

é   U+00E9 (alt-0233) LATIN SMALL LETTER E WITH ACUTE

ê   U+00EA (alt-0234) LATIN SMALL LETTER E WITH CIRCUMFLEX

ë   U+00EB (alt-0235) LATIN SMALL LETTER E WITH DIAERESIS

ì   U+00EC (alt-0236) LATIN SMALL LETTER I WITH GRAVE

í   U+00ED (alt-0237) LATIN SMALL LETTER I WITH ACUTE

î   U+00EE (alt-0238) LATIN SMALL LETTER I WITH CIRCUMFLEX

ï   U+00EF (alt-0239) LATIN SMALL LETTER I WITH DIAERESIS

ð   U+00F0 (alt-0240) LATIN SMALL LETTER ETH

ñ   U+00F1 (alt-0241) LATIN SMALL LETTER N WITH TILDE

ò   U+00F2 (alt-0242) LATIN SMALL LETTER O WITH GRAVE

ó   U+00F3 (alt-0243) LATIN SMALL LETTER O WITH ACUTE

ô   U+00F4 (alt-0244) LATIN SMALL LETTER O WITH CIRCUMFLEX

õ   U+00F5 (alt-0245) LATIN SMALL LETTER O WITH TILDE

ö   U+00F6 (alt-0246) LATIN SMALL LETTER O WITH DIAERESIS

Mathematical operator

÷   U+00F7 (alt-0247) DIVISION SIGN

Letters

ø   U+00F8 (alt-0248) LATIN SMALL LETTER O WITH STROKE = o slash

ù   U+00F9 (alt-0249) LATIN SMALL LETTER U WITH GRAVE

ú   U+00FA (alt-0250) LATIN SMALL LETTER U WITH ACUTE

û   U+00FB (alt-0251) LATIN SMALL LETTER U WITH CIRCUMFLEX

ü   U+00FC (alt-0252) LATIN SMALL LETTER U WITH DIAERESIS

ý   U+00FD (alt-0253) LATIN SMALL LETTER Y WITH ACUTE

þ   U+00FE (alt-0254) LATIN SMALL LETTER THORN

ÿ   U+00FF (alt-0255) LATIN SMALL LETTER Y WITH DIAERESIS

European Latin (* Catalan legacy compatibility character for ISO/IEC 6937)

Ł   U+0141 (alt-0321) LATIN CAPITAL LETTER L WITH STROKE

ł   U+0142 (alt-0322) LATIN SMALL LETTER L WITH STROKE

Ń   U+0143 (alt-0323) LATIN CAPITAL LETTER N WITH ACUTE

ń   U+0144 (alt-0324) LATIN SMALL LETTER N WITH ACUTE

Ņ   U+0145 (alt-0325) LATIN CAPITAL LETTER N WITH CEDILLA

ņ   U+0146 (alt-0326) LATIN SMALL LETTER N WITH CEDILLA

Ň   U+0147 (alt-0327) LATIN CAPITAL LETTER N WITH CARON

ň   U+0148 (alt-0328) LATIN SMALL LETTER N WITH CARON

European Latin

Ŋ	U+014A (alt-0330) LATIN CAPITAL LETTER ENG
ŋ	U+014B (alt-0331) LATIN SMALL LETTER ENG = engma, angma
Ō	U+014C (alt-0332) LATIN CAPITAL LETTER O WITH MACRON
ō	U+014D (alt-0333) LATIN SMALL LETTER O WITH MACRON
Ŏ	U+014E (alt-0334) LATIN CAPITAL LETTER O WITH BREVE
ŏ	U+014F (alt-0335) LATIN SMALL LETTER O WITH BREVE
Ő	U+0150 (alt-0336) LATIN CAPITAL LETTER O WITH DOUBLE ACUTE
ő	U+0151 (alt-0337) LATIN SMALL LETTER O WITH DOUBLE ACUTE
Œ	U+0152 (alt-0338) LATIN CAPITAL LIGATURE OE
œ	U+0153 (alt-0339) LATIN SMALL LIGATURE OE = ethel (from Old English)
Ŕ	U+0154 (alt-0340) LATIN CAPITAL LETTER R WITH ACUTE
ŕ	U+0155 (alt-0341) LATIN SMALL LETTER R WITH ACUTE
Ŗ	U+0156 (alt-0342) LATIN CAPITAL LETTER R WITH CEDILLA
ŗ	U+0157 (alt-0343) LATIN SMALL LETTER R WITH CEDILLA
Ř	U+0158 (alt-0344) LATIN CAPITAL LETTER R WITH CARON
ř	U+0159 (alt-0345) LATIN SMALL LETTER R WITH CARON
Ś	U+015A (alt-0346) LATIN CAPITAL LETTER S WITH ACUTE
ś	U+015B (alt-0347) LATIN SMALL LETTER S WITH ACUTE
Ŝ	U+015C (alt-0348) LATIN CAPITAL LETTER S WITH CIRCUMFLEX
ŝ	U+015D (alt-0349) LATIN SMALL LETTER S WITH CIRCUMFLEX
Ş	U+015E (alt-0350) LATIN CAPITAL LETTER S WITH CEDILLA
ş	U+015F (alt-0351) LATIN SMALL LETTER S WITH CEDILLA
Š	U+0160 (alt-0352) LATIN CAPITAL LETTER S WITH CARON
š	U+0161 (alt-0353) LATIN SMALL LETTER S WITH CARON
Ţ	U+0162 (alt-0354) LATIN CAPITAL LETTER T WITH CEDILLA
ţ	U+0163 (alt-0355) LATIN SMALL LETTER T WITH CEDILLA
Ť	U+0164 (alt-0356) LATIN CAPITAL LETTER T WITH CARON
ť	U+0165 (alt-0357) LATIN SMALL LETTER T WITH CARON
Ŧ	U+0166 (alt-0358) LATIN CAPITAL LETTER T WITH STROKE
ŧ	U+0167 (alt-0359) LATIN SMALL LETTER T WITH STROKE
Ũ	U+0168 (alt-0360) LATIN CAPITAL LETTER U WITH TILDE

ũ   U+0169 (alt-0361) LATIN SMALL LETTER U WITH TILDE

Ū   U+016A (alt-0362) LATIN CAPITAL LETTER U WITH MACRON

ū   U+016B (alt-0363) LATIN SMALL LETTER U WITH MACRON

Ŭ   U+016C (alt-0364) LATIN CAPITAL LETTER U WITH BREVE

ŭ   U+016D (alt-0365) LATIN SMALL LETTER U WITH BREVE

Ů   U+016E (alt-0366) LATIN CAPITAL LETTER U WITH RING ABOVE

ů   U+016F (alt-0367) LATIN SMALL LETTER U WITH RING ABOVE

Ű   U+0170 (alt-0368) LATIN CAPITAL LETTER U WITH DOUBLE ACUTE

ű   U+0171 (alt-0369) LATIN SMALL LETTER U WITH DOUBLE ACUTE

Ŵ   U+0174 (alt-0372) LATIN CAPITAL LETTER W WITH CIRCUMFLEX

ŵ   U+0175 (alt-0373) LATIN SMALL LETTER W WITH CIRCUMFLEX

Ŷ   U+0176 (alt-0374) LATIN CAPITAL LETTER Y WITH CIRCUMFLEX

ŷ   U+0177 (alt-0375) LATIN SMALL LETTER Y WITH CIRCUMFLEX

Ÿ   U+0178 (alt-0376) LATIN CAPITAL LETTER Y WITH DIAERESIS

Ź   U+0179 (alt-0377) LATIN CAPITAL LETTER Z WITH ACUTE

ź   U+017A (alt-0378) LATIN SMALL LETTER Z WITH ACUTE

Ż   U+017B (alt-0379) LATIN CAPITAL LETTER Z WITH DOT ABOVE

ż   U+017C (alt-0380) LATIN SMALL LETTER Z WITH DOT ABOVE

Ž   U+017D (alt-0381) LATIN CAPITAL LETTER Z WITH CARON

ž   U+017E (alt-0382) LATIN SMALL LETTER Z WITH CARON

ſ   U+017F (alt-0383) LATIN SMALL LETTER LONG S

Non-European and historic Latin

Ɔ   U+0186 (alt-0390) LATIN CAPITAL LETTER OPEN O

Ǝ   U+018E (alt-0398) LATIN CAPITAL LETTER REVERSED E = turned e

Ɯ   U+019C (alt-0412) LATIN CAPITAL LETTER TURNED M

IPA extensions (IPA includes basic Latin letters and a number of Latin or Greek letters from other blocks.)

ɐ   U+0250 (alt-0592) LATIN SMALL LETTER TURNED A

ɑ   U+0251 (alt-0593) LATIN SMALL LETTER ALPHA = latin small letter script a

ɒ   U+0252 (alt-0594) LATIN SMALL LETTER TURNED ALPHA

ɔ   U+0254 (alt-0596) LATIN SMALL LETTER OPEN O

ɘ   U+0258 (alt-0600) LATIN SMALL LETTER REVERSED E

ə   U+0259 (alt-0601) LATIN SMALL LETTER SCHWA

ɛ   U+025B (alt-0603) LATIN SMALL LETTER OPEN E = epsilon

ɜ   U+025C (alt-0604) LATIN SMALL LETTER REVERSED OPEN E

ɞ   U+025E (alt-0606) LATIN SMALL LETTER CLOSED REVERSED OPEN E = closed reversed epsilon

ɟ   U+025F (alt-0607) LATIN SMALL LETTER DOTLESS J WITH STROKE

ɡ   U+0261 (alt-0609) LATIN SMALL LETTER SCRIPT G

ɢ   U+0262 (alt-0610) LATIN LETTER SMALL CAPITAL G

ɣ   U+0263 (alt-0611) LATIN SMALL LETTER GAMMA

ɤ   U+0264 (alt-0612) LATIN SMALL LETTER RAMS HORN = latin small letter baby gamma

ɥ   U+0265 (alt-0613) LATIN SMALL LETTER TURNED H

ɨ   U+0268 (alt-0616) LATIN SMALL LETTER I WITH STROKE = barred i, i bar

IPA extensions (IPA includes basic Latin letters and a number of Latin or Greek letters from other blocks.) (* ISO 6438 gives lowercase of 0197 as 026A, not 0268) (* obsoleted by IPA in 1989)

ɪ   U+026A (alt-0618) LATIN LETTER SMALL CAPITAL I

ɬ   U+026C (alt-0620) LATIN SMALL LETTER L WITH BELT

ɮ   U+026E (alt-0622) LATIN SMALL LETTER LEZH

ɯ   U+026F (alt-0623) LATIN SMALL LETTER TURNED M

ɰ   U+0270 (alt-0624) LATIN SMALL LETTER TURNED M WITH LONG LEG

ɴ   U+0274 (alt-0628) LATIN LETTER SMALL CAPITAL N

ɵ   U+0275 (alt-0629) LATIN SMALL LETTER BARRED O = o bar

ɶ   U+0276 (alt-0630) LATIN LETTER SMALL CAPITAL OE

ɷ   U+0277 (alt-0631) LATIN SMALL LETTER CLOSED OMEGA

IPA extensions (IPA includes basic Latin letters and a number of Latin or Greek letters from other blocks.) (* ISO 6438 gives lowercase of 0197 as 026A, not 0268) (* obsoleted by IPA in 1989) (* obsoleted by IPA in 1989)

ɸ   U+0278 (alt-0632) LATIN SMALL LETTER PHI

ɹ   U+0279 (alt-0633) LATIN SMALL LETTER TURNED R

IPA extensions (IPA includes basic Latin letters and a number of Latin or

Greek letters from other blocks.) (* ISO 6438 gives lowercase of 0197 as 026A, not 0268) (* obsoleted by IPA in 1989) (* obsoleted by IPA in 1989) (* obsoleted by IPA in 1989)

ʁ   U+0281 (alt-0641) LATIN LETTER SMALL CAPITAL INVERTED R

ʇ   U+0287 (alt-0647) LATIN SMALL LETTER TURNED T

ʌ   U+028C (alt-0652) LATIN SMALL LETTER TURNED V = caret, wedge

ʍ   U+028D (alt-0653) LATIN SMALL LETTER TURNED W

ʎ   U+028E (alt-0654) LATIN SMALL LETTER TURNED Y

ʞ   U+029E (alt-0670) LATIN SMALL LETTER TURNED K

Letters

Α   U+0391 (alt-0913) GREEK CAPITAL LETTER ALPHA

Β   U+0392 (alt-0914) GREEK CAPITAL LETTER BETA

Γ   U+0393 (alt-0915) GREEK CAPITAL LETTER GAMMA = gamma function

Δ   U+0394 (alt-0916) GREEK CAPITAL LETTER DELTA

Ε   U+0395 (alt-0917) GREEK CAPITAL LETTER EPSILON

Ζ   U+0396 (alt-0918) GREEK CAPITAL LETTER ZETA

Η   U+0397 (alt-0919) GREEK CAPITAL LETTER ETA

Θ   U+0398 (alt-0920) GREEK CAPITAL LETTER THETA

Ι   U+0399 (alt-0921) GREEK CAPITAL LETTER IOTA = iota adscript

Κ   U+039A (alt-0922) GREEK CAPITAL LETTER KAPPA

Λ   U+039B (alt-0923) GREEK CAPITAL LETTER LAMDA

Μ   U+039C (alt-0924) GREEK CAPITAL LETTER MU

Ν   U+039D (alt-0925) GREEK CAPITAL LETTER NU

Ξ   U+039E (alt-0926) GREEK CAPITAL LETTER XI

Ο   U+039F (alt-0927) GREEK CAPITAL LETTER OMICRON

Π   U+03A0 (alt-0928) GREEK CAPITAL LETTER PI

Ρ   U+03A1 (alt-0929) GREEK CAPITAL LETTER RHO

Σ   U+03A3 (alt-0931) GREEK CAPITAL LETTER SIGMA

Τ   U+03A4 (alt-0932) GREEK CAPITAL LETTER TAU

Υ   U+03A5 (alt-0933) GREEK CAPITAL LETTER UPSILON

Φ   U+03A6 (alt-0934) GREEK CAPITAL LETTER PHI

Χ   U+03A7 (alt-0935) GREEK CAPITAL LETTER CHI

Ψ   U+03A8 (alt-0936) GREEK CAPITAL LETTER PSI

Ω   U+03A9 (alt-0937) GREEK CAPITAL LETTER OMEGA

α   U+03B1 (alt-0945) GREEK SMALL LETTER ALPHA

β   U+03B2 (alt-0946) GREEK SMALL LETTER BETA

γ   U+03B3 (alt-0947) GREEK SMALL LETTER GAMMA

δ   U+03B4 (alt-0948) GREEK SMALL LETTER DELTA

ε   U+03B5 (alt-0949) GREEK SMALL LETTER EPSILON

ζ   U+03B6 (alt-0950) GREEK SMALL LETTER ZETA

η   U+03B7 (alt-0951) GREEK SMALL LETTER ETA

θ   U+03B8 (alt-0952) GREEK SMALL LETTER THETA

ι   U+03B9 (alt-0953) GREEK SMALL LETTER IOTA

κ   U+03BA (alt-0954) GREEK SMALL LETTER KAPPA

λ   U+03BB (alt-0955) GREEK SMALL LETTER LAMDA = lambda

μ   U+03BC (alt-0956) GREEK SMALL LETTER MU

ν   U+03BD (alt-0957) GREEK SMALL LETTER NU

ξ   U+03BE (alt-0958) GREEK SMALL LETTER XI

ο   U+03BF (alt-0959) GREEK SMALL LETTER OMICRON

π   U+03C0 (alt-0960) GREEK SMALL LETTER PI

ρ   U+03C1 (alt-0961) GREEK SMALL LETTER RHO

ς   U+03C2 (alt-0962) GREEK SMALL LETTER FINAL SIGMA = stigma (the Modern Greek name for this letterform)

σ   U+03C3 (alt-0963) GREEK SMALL LETTER SIGMA

τ   U+03C4 (alt-0964) GREEK SMALL LETTER TAU

υ   U+03C5 (alt-0965) GREEK SMALL LETTER UPSILON

φ   U+03C6 (alt-0966) GREEK SMALL LETTER PHI

χ   U+03C7 (alt-0967) GREEK SMALL LETTER CHI

ψ   U+03C8 (alt-0968) GREEK SMALL LETTER PSI

ω   U+03C9 (alt-0969) GREEK SMALL LETTER OMEGA

Basic Russian alphabet

А   U+0410 (alt-01040) CYRILLIC CAPITAL LETTER A

Б   U+0411 (alt-01041) CYRILLIC CAPITAL LETTER BE

В   U+0412 (alt-01042) CYRILLIC CAPITAL LETTER VE

Г   U+0413 (alt-01043) CYRILLIC CAPITAL LETTER GHE

Д   U+0414 (alt-01044) CYRILLIC CAPITAL LETTER DE

Е   U+0415 (alt-01045) CYRILLIC CAPITAL LETTER IE

Ж   U+0416 (alt-01046) CYRILLIC CAPITAL LETTER ZHE

З   U+0417 (alt-01047) CYRILLIC CAPITAL LETTER ZE

И   U+0418 (alt-01048) CYRILLIC CAPITAL LETTER I

Й   U+0419 (alt-01049) CYRILLIC CAPITAL LETTER SHORT I

К   U+041A (alt-01050) CYRILLIC CAPITAL LETTER KA

Л   U+041B (alt-01051) CYRILLIC CAPITAL LETTER EL

М   U+041C (alt-01052) CYRILLIC CAPITAL LETTER EM

Н   U+041D (alt-01053) CYRILLIC CAPITAL LETTER EN

О   U+041E (alt-01054) CYRILLIC CAPITAL LETTER O

П   U+041F (alt-01055) CYRILLIC CAPITAL LETTER PE

Р   U+0420 (alt-01056) CYRILLIC CAPITAL LETTER ER

С   U+0421 (alt-01057) CYRILLIC CAPITAL LETTER ES

Т   U+0422 (alt-01058) CYRILLIC CAPITAL LETTER TE

У   U+0423 (alt-01059) CYRILLIC CAPITAL LETTER U

Ф   U+0424 (alt-01060) CYRILLIC CAPITAL LETTER EF

Х   U+0425 (alt-01061) CYRILLIC CAPITAL LETTER HA

Ц   U+0426 (alt-01062) CYRILLIC CAPITAL LETTER TSE

Ч   U+0427 (alt-01063) CYRILLIC CAPITAL LETTER CHE

Ш   U+0428 (alt-01064) CYRILLIC CAPITAL LETTER SHA

Щ   U+0429 (alt-01065) CYRILLIC CAPITAL LETTER SHCHA

Ъ   U+042A (alt-01066) CYRILLIC CAPITAL LETTER HARD SIGN

Ы   U+042B (alt-01067) CYRILLIC CAPITAL LETTER YERU

Ь   U+042C (alt-01068) CYRILLIC CAPITAL LETTER SOFT SIGN

Э   U+042D (alt-01069) CYRILLIC CAPITAL LETTER E

Ю   U+042E (alt-01070) CYRILLIC CAPITAL LETTER YU

Я   U+042F (alt-01071) CYRILLIC CAPITAL LETTER YA

а	U+0430 (alt-01072)	CYRILLIC SMALL LETTER A
б	U+0431 (alt-01073)	CYRILLIC SMALL LETTER BE
в	U+0432 (alt-01074)	CYRILLIC SMALL LETTER VE
г	U+0433 (alt-01075)	CYRILLIC SMALL LETTER GHE
д	U+0434 (alt-01076)	CYRILLIC SMALL LETTER DE
е	U+0435 (alt-01077)	CYRILLIC SMALL LETTER IE
ж	U+0436 (alt-01078)	CYRILLIC SMALL LETTER ZHE
з	U+0437 (alt-01079)	CYRILLIC SMALL LETTER ZE
и	U+0438 (alt-01080)	CYRILLIC SMALL LETTER I
й	U+0439 (alt-01081)	CYRILLIC SMALL LETTER SHORT I
к	U+043A (alt-01082)	CYRILLIC SMALL LETTER KA
л	U+043B (alt-01083)	CYRILLIC SMALL LETTER EL
м	U+043C (alt-01084)	CYRILLIC SMALL LETTER EM
н	U+043D (alt-01085)	CYRILLIC SMALL LETTER EN
о	U+043E (alt-01086)	CYRILLIC SMALL LETTER O
п	U+043F (alt-01087)	CYRILLIC SMALL LETTER PE
р	U+0440 (alt-01088)	CYRILLIC SMALL LETTER ER
с	U+0441 (alt-01089)	CYRILLIC SMALL LETTER ES
т	U+0442 (alt-01090)	CYRILLIC SMALL LETTER TE
у	U+0443 (alt-01091)	CYRILLIC SMALL LETTER U
ф	U+0444 (alt-01092)	CYRILLIC SMALL LETTER EF
х	U+0445 (alt-01093)	CYRILLIC SMALL LETTER HA
ц	U+0446 (alt-01094)	CYRILLIC SMALL LETTER TSE
ч	U+0447 (alt-01095)	CYRILLIC SMALL LETTER CHE
ш	U+0448 (alt-01096)	CYRILLIC SMALL LETTER SHA
щ	U+0449 (alt-01097)	CYRILLIC SMALL LETTER SHCHA
ъ	U+044A (alt-01098)	CYRILLIC SMALL LETTER HARD SIGN
ы	U+044B (alt-01099)	CYRILLIC SMALL LETTER YERU
ь	U+044C (alt-01100)	CYRILLIC SMALL LETTER SOFT SIGN
э	U+044D (alt-01101)	CYRILLIC SMALL LETTER E
ю	U+044E (alt-01102)	CYRILLIC SMALL LETTER YU

Я   U+044F (alt-01103) CYRILLIC SMALL LETTER YA

Latin letters

ᴀ   U+1D00 (alt-07424) LATIN LETTER SMALL CAPITAL A

ᴁ   U+1D01 (alt-07425) LATIN LETTER SMALL CAPITAL AE

ᴂ   U+1D02 (alt-07426) LATIN SMALL LETTER TURNED AE

ʙ   U+1D03 (alt-07427) LATIN LETTER SMALL CAPITAL BARRED B

ᴄ   U+1D04 (alt-07428) LATIN LETTER SMALL CAPITAL C

ᴅ   U+1D05 (alt-07429) LATIN LETTER SMALL CAPITAL D

ᴆ   U+1D06 (alt-07430) LATIN LETTER SMALL CAPITAL ETH

ᴇ   U+1D07 (alt-07431) LATIN LETTER SMALL CAPITAL E

ᴈ   U+1D08 (alt-07432) LATIN SMALL LETTER TURNED OPEN E

ᴉ   U+1D09 (alt-07433) LATIN SMALL LETTER TURNED I

ᴊ   U+1D0A (alt-07434) LATIN LETTER SMALL CAPITAL J

ᴋ   U+1D0B (alt-07435) LATIN LETTER SMALL CAPITAL K

ᴌ   U+1D0C (alt-07436) LATIN LETTER SMALL CAPITAL L WITH STROKE

ᴍ   U+1D0D (alt-07437) LATIN LETTER SMALL CAPITAL M

ᴎ   U+1D0E (alt-07438) LATIN LETTER SMALL CAPITAL REVERSED N

ᴏ   U+1D0F (alt-07439) LATIN LETTER SMALL CAPITAL O

ᴐ   U+1D10 (alt-07440) LATIN LETTER SMALL CAPITAL OPEN O

ᴑ   U+1D11 (alt-07441) LATIN SMALL LETTER SIDEWAYS O

ᴒ   U+1D12 (alt-07442) LATIN SMALL LETTER SIDEWAYS OPEN O

ᴓ   U+1D13 (alt-07443) LATIN SMALL LETTER SIDEWAYS O WITH STROKE

ᴔ   U+1D14 (alt-07444) LATIN SMALL LETTER TURNED OE

ᴕ   U+1D15 (alt-07445) LATIN LETTER SMALL CAPITAL OU

ᴖ   U+1D16 (alt-07446) LATIN SMALL LETTER TOP HALF O

ᴗ   U+1D17 (alt-07447) LATIN SMALL LETTER BOTTOM HALF O

ᴘ   U+1D18 (alt-07448) LATIN LETTER SMALL CAPITAL P

ᴙ   U+1D19 (alt-07449) LATIN LETTER SMALL CAPITAL REVERSED R

ᴚ   U+1D1A (alt-07450) LATIN LETTER SMALL CAPITAL TURNED R

ᴛ   U+1D1B (alt-07451) LATIN LETTER SMALL CAPITAL T

ᴜ   U+1D1C (alt-07452) LATIN LETTER SMALL CAPITAL U

ᴝ   U+1D1D (alt-07453) LATIN SMALL LETTER SIDEWAYS U

ᴞ   U+1D1E (alt-07454) LATIN SMALL LETTER SIDEWAYS DIAERESIZED U

ᴟ   U+1D1F (alt-07455) LATIN SMALL LETTER SIDEWAYS TURNED M

ᴠ   U+1D20 (alt-07456) LATIN LETTER SMALL CAPITAL V

ᴡ   U+1D21 (alt-07457) LATIN LETTER SMALL CAPITAL W

ᴢ   U+1D22 (alt-07458) LATIN LETTER SMALL CAPITAL Z

ᴣ   U+1D23 (alt-07459) LATIN LETTER SMALL CAPITAL EZH

ᴤ   U+1D24 (alt-07460) LATIN LETTER VOICED LARYNGEAL SPIRANT

ᴥ   U+1D25 (alt-07461) LATIN LETTER AIN

Greek letters

ᴦ   U+1D26 (alt-07462) GREEK LETTER SMALL CAPITAL GAMMA

ᴧ   U+1D27 (alt-07463) GREEK LETTER SMALL CAPITAL LAMDA

ᴨ   U+1D28 (alt-07464) GREEK LETTER SMALL CAPITAL PI

ᴩ   U+1D29 (alt-07465) GREEK LETTER SMALL CAPITAL RHO

ᴪ   U+1D2A (alt-07466) GREEK LETTER SMALL CAPITAL PSI

Addition for German typography

ẞ   U+1E9E (alt-07838) LATIN CAPITAL LETTER SHARP S

Latin general extensions

Ỳ   U+1EF2 (alt-07922) LATIN CAPITAL LETTER Y WITH GRAVE

ỳ   U+1EF3 (alt-07923) LATIN SMALL LETTER Y WITH GRAVE

Ỵ   U+1EF4 (alt-07924) LATIN CAPITAL LETTER Y WITH DOT BELOW

ỵ   U+1EF5 (alt-07925) LATIN SMALL LETTER Y WITH DOT BELOW

Ỹ   U+1EF8 (alt-07928) LATIN CAPITAL LETTER Y WITH TILDE

ỹ   U+1EF9 (alt-07929) LATIN SMALL LETTER Y WITH TILDE

Dashes

‐   U+2010 (alt-08208) HYPHEN

‑   U+2011 (alt-08209) NON-BREAKING HYPHEN

—   U+2012 (alt-08210) FIGURE DASH

—   U+2013 (alt-08211) EN DASH

—   U+2014 (alt-08212) EM DASH

—   U+2015 (alt-08213) HORIZONTAL BAR = quotation dash

General punctuation

‖   U+2016 (alt-08214) DOUBLE VERTICAL LINE

‗   U+2017 (alt-08215) DOUBLE LOW LINE

Quotation marks and apostrophe (Use of quotation marks differs by language. The character names cannot reflect actual usage for all languages.)

'   U+2018 (alt-08216) LEFT SINGLE QUOTATION MARK = single turned comma quotation mark

'   U+2019 (alt-08217) RIGHT SINGLE QUOTATION MARK = single comma quotation mark

‚   U+201A (alt-08218) SINGLE LOW-9 QUOTATION MARK = low single comma quotation mark

‛   U+201B (alt-08219) SINGLE HIGH-REVERSED-9 QUOTATION MARK = single reversed comma quotation mark

"   U+201C (alt-08220) LEFT DOUBLE QUOTATION MARK = double turned comma quotation mark

"   U+201D (alt-08221) RIGHT DOUBLE QUOTATION MARK = double comma quotation mark

„   U+201E (alt-08222) DOUBLE LOW-9 QUOTATION MARK = low double comma quotation mark

‟   U+201F (alt-08223) DOUBLE HIGH-REVERSED-9 QUOTATION MARK = double reversed comma quotation mark

General punctuation

†   U+2020 (alt-08224) DAGGER = obelisk, obelus, long cross

‡   U+2021 (alt-08225) DOUBLE DAGGER = diesis, double obelisk

•   U+2022 (alt-08226) BULLET = black small circle

▸   U+2023 (alt-08227) TRIANGULAR BULLET

.   U+2024 (alt-08228) ONE DOT LEADER

..   U+2025 (alt-08229) TWO DOT LEADER

…   U+2026 (alt-08230) HORIZONTAL ELLIPSIS = three dot leader

.   U+2027 (alt-08231) HYPHENATION POINT

‰   U+2030 (alt-08240) PER MILLE SIGN = permille, per thousand

‱   U+2031 (alt-08241) PER TEN THOUSAND SIGN = permyriad

′   U+2032 (alt-08242) PRIME = minutes, feet

″   U+2033 (alt-08243) DOUBLE PRIME = seconds, inches

‴   U+2034 (alt-08244) TRIPLE PRIME = lines (old measure, 1/12 of an inch)

‵   U+2035 (alt-08245) REVERSED PRIME

‶   U+2036 (alt-08246) REVERSED DOUBLE PRIME

‷   U+2037 (alt-08247) REVERSED TRIPLE PRIME

         U+2038 (alt-08248) CARET
^

Quotation marks

‹   U+2039 (alt-08249) SINGLE LEFT-POINTING ANGLE QUOTATION MARK = left pointing single guillemet

›   U+203A (alt-08250) SINGLE RIGHT-POINTING ANGLE QUOTATION MARK = right pointing single guillemet

General punctuation

※   U+203B (alt-08251) REFERENCE MARK = Japanese kome = Urdu paragraph separator

Double punctuation for vertical text

‼   U+203C (alt-08252) DOUBLE EXCLAMATION MARK

General punctuation

‽   U+203D (alt-08253) INTERROBANG

‾   U+203E (alt-08254) OVERLINE = spacing overscore

‿   U+203F (alt-08255) UNDERTIE = Greek enotikon

⁀   U+2040 (alt-08256) CHARACTER TIE = z notation sequence concatenation

⁁   U+2041 (alt-08257) CARET INSERTION POINT

⁂   U+2042 (alt-08258) ASTERISM

⁃   U+2043 (alt-08259) HYPHEN BULLET

⁄   U+2044 (alt-08260) FRACTION SLASH = solidus (in typography)

⁅   U+2045 (alt-08261) LEFT SQUARE BRACKET WITH QUILL

⁆   U+2046 (alt-08262) RIGHT SQUARE BRACKET WITH QUILL

Double punctuation for vertical text

⁇   U+2047 (alt-08263) DOUBLE QUESTION MARK

⁈   U+2048 (alt-08264) QUESTION EXCLAMATION MARK

⁉   U+2049 (alt-08265) EXCLAMATION QUESTION MARK

General punctuation

7	U+204A (alt-08266)	TIRONIAN SIGN ET
⁊	U+204B (alt-08267)	REVERSED PILCROW SIGN
⁌	U+204C (alt-08268)	BLACK LEFTWARDS BULLET
⁍	U+204D (alt-08269)	BLACK RIGHTWARDS BULLET
⁎	U+204E (alt-08270)	LOW ASTERISK
⁏	U+204F (alt-08271)	REVERSED SEMICOLON
⁐	U+2050 (alt-08272)	CLOSE UP
⁑	U+2051 (alt-08273)	TWO ASTERISKS ALIGNED VERTICALLY
⁒	U+2052 (alt-08274)	COMMERCIAL MINUS SIGN = abzüglich (German), med avdrag av (Swedish), piska (Swedish, "whip")
⁓	U+2053 (alt-08275)	SWUNG DASH
⁔	U+2054 (alt-08276)	INVERTED UNDERTIE
⁕	U+2055 (alt-08277)	FLOWER PUNCTUATION MARK = phul, puspika
⁗	U+2057 (alt-08279)	QUADRUPLE PRIME

Superscripts (See also superscript Latin letters in the Spacing Modifier Letters block starting at 02B0.)

0	U+2070 (alt-08304)	SUPERSCRIPT ZERO
i	U+2071 (alt-08305)	SUPERSCRIPT LATIN SMALL LETTER I
4	U+2074 (alt-08308)	SUPERSCRIPT FOUR
5	U+2075 (alt-08309)	SUPERSCRIPT FIVE
6	U+2076 (alt-08310)	SUPERSCRIPT SIX
7	U+2077 (alt-08311)	SUPERSCRIPT SEVEN
8	U+2078 (alt-08312)	SUPERSCRIPT EIGHT
9	U+2079 (alt-08313)	SUPERSCRIPT NINE
+	U+207A (alt-08314)	SUPERSCRIPT PLUS SIGN
−	U+207B (alt-08315)	SUPERSCRIPT MINUS
=	U+207C (alt-08316)	SUPERSCRIPT EQUALS SIGN
(	U+207D (alt-08317)	SUPERSCRIPT LEFT PARENTHESIS
)	U+207E (alt-08318)	SUPERSCRIPT RIGHT PARENTHESIS

n   U+207F (alt-08319) SUPERSCRIPT LATIN SMALL LETTER N

Subscripts

0   U+2080 (alt-08320) SUBSCRIPT ZERO

1   U+2081 (alt-08321) SUBSCRIPT ONE

2   U+2082 (alt-08322) SUBSCRIPT TWO

3   U+2083 (alt-08323) SUBSCRIPT THREE

4   U+2084 (alt-08324) SUBSCRIPT FOUR

5   U+2085 (alt-08325) SUBSCRIPT FIVE

6   U+2086 (alt-08326) SUBSCRIPT SIX

7   U+2087 (alt-08327) SUBSCRIPT SEVEN

8   U+2088 (alt-08328) SUBSCRIPT EIGHT

9   U+2089 (alt-08329) SUBSCRIPT NINE

+   U+208A (alt-08330) SUBSCRIPT PLUS SIGN

−   U+208B (alt-08331) SUBSCRIPT MINUS

=   U+208C (alt-08332) SUBSCRIPT EQUALS SIGN

(U+208D (alt-08333) SUBSCRIPT LEFT PARENTHESIS

)   U+208E (alt-08334) SUBSCRIPT RIGHT PARENTHESIS

Currency symbols (A number of currency symbols are found in other blocks. Fullwidth versions of some currency symbols are found in the Halfwidth and Fullwidth Forms block.)

₠   U+20A0 (alt-08352) EURO-CURRENCY SIGN

₡   U+20A1 (alt-08353) COLON SIGN

₢   U+20A2 (alt-08354) CRUZEIRO SIGN

₣   U+20A3 (alt-08355) FRENCH FRANC SIGN

₤   U+20A4 (alt-08356) LIRA SIGN

₥   U+20A5 (alt-08357) MILL SIGN

₦   U+20A6 (alt-08358) NAIRA SIGN

₧   U+20A7 (alt-08359) PESETA SIGN

₨   U+20A8 (alt-08360) RUPEE SIGN

₩   U+20A9 (alt-08361) WON SIGN

₪   U+20AA (alt-08362) NEW SHEQEL SIGN

₫   U+20AB (alt-08363) DONG SIGN

€   U+20AC (alt-08364) EURO SIGN

₭   U+20AD (alt-08365) KIP SIGN

₮   U+20AE (alt-08366) TUGRIK SIGN

₯   U+20AF (alt-08367) DRACHMA SIGN

₰   U+20B0 (alt-08368) GERMAN PENNY SIGN

₱   U+20B1 (alt-08369) PESO SIGN

₲   U+20B2 (alt-08370) GUARANI SIGN

₳   U+20B3 (alt-08371) AUSTRAL SIGN

₴   U+20B4 (alt-08372) HRYVNIA SIGN

₵   U+20B5 (alt-08373) CEDI SIGN

₶   U+20B6 (alt-08374) LIVRE TOURNOIS SIGN

₷   U+20B7 (alt-08375) SPESMILO SIGN

₸   U+20B8 (alt-08376) TENGE SIGN

₹   U+20B9 (alt-08377) INDIAN RUPEE SIGN

Letterlike symbols (Some of the letterlike symbols are intended to complete the set of mathematical alphanumeric symbols starting at U+1D400.)

℀   U+2100 (alt-08448) ACCOUNT OF

℁   U+2101 (alt-08449) ADDRESSED TO THE SUBJECT

ℂ   U+2102 (alt-08450) DOUBLE-STRUCK CAPITAL C = the set of complex numbers

℃   U+2103 (alt-08451) DEGREE CELSIUS = degrees Centigrade

℄   U+2104 (alt-08452) CENTRE LINE SYMBOL = clone

℅   U+2105 (alt-08453) CARE OF

℆   U+2106 (alt-08454) CADA UNA

ℇ   U+2107 (alt-08455) EULER CONSTANT

℈   U+2108 (alt-08456) SCRUPLE

℉   U+2109 (alt-08457) DEGREE FAHRENHEIT

ℊ   U+210A (alt-08458) SCRIPT SMALL G = real number symbol

ℋ   U+210B (alt-08459) SCRIPT CAPITAL H = Hamiltonian operator

ℌ   U+210C (alt-08460) BLACK-LETTER CAPITAL H = Hilbert space

ℍ	U+210D (alt-08461) DOUBLE-STRUCK CAPITAL H
h	U+210E (alt-08462) PLANCK CONSTANT = height, specific enthalpy, ...
$\hbar$	U+210F (alt-08463) PLANCK CONSTANT OVER TWO PI
$\mathscr{I}$	U+2110 (alt-08464) SCRIPT CAPITAL I
$\Im$	U+2111 (alt-08465) BLACK-LETTER CAPITAL I = imaginary part
$\mathscr{L}$	U+2112 (alt-08466) SCRIPT CAPITAL L = Laplace transform
ℓ	U+2113 (alt-08467) SCRIPT SMALL L = mathematical symbol 'ell' = liter (traditional symbol)
℔	U+2114 (alt-08468) L B BAR SYMBOL = pounds
ℕ	U+2115 (alt-08469) DOUBLE-STRUCK CAPITAL N = natural number
№	U+2116 (alt-08470) NUMERO SIGN
℗	U+2117 (alt-08471) SOUND RECORDING COPYRIGHT = published = phonorecord sign
℘	U+2118 (alt-08472) SCRIPT CAPITAL P
ℙ	U+2119 (alt-08473) DOUBLE-STRUCK CAPITAL P
ℚ	U+211A (alt-08474) DOUBLE-STRUCK CAPITAL Q = the set of rational numbers
$\mathscr{R}$	U+211B (alt-08475) SCRIPT CAPITAL R = Riemann Integral
$\Re$	U+211C (alt-08476) BLACK-LETTER CAPITAL R = real part
ℝ	U+211D (alt-08477) DOUBLE-STRUCK CAPITAL R = the set of real numbers
℞	U+211E (alt-08478) PRESCRIPTION TAKE = recipe = cross ratio
℟	U+211F (alt-08479) RESPONSE
SM	U+2120 (alt-08480) SERVICE MARK
TEL	U+2121 (alt-08481) TELEPHONE SIGN
™	U+2122 (alt-08482) TRADE MARK SIGN
℣	U+2123 (alt-08483) VERSICLE
ℤ	U+2124 (alt-08484) DOUBLE-STRUCK CAPITAL Z = the set of integers
℥	U+2125 (alt-08485) OUNCE SIGN
Ω	U+2126 (alt-08486) OHM SIGN
℧	U+2127 (alt-08487) INVERTED OHM SIGN = mho
ℨ	U+2128 (alt-08488) BLACK-LETTER CAPITAL Z
℩	U+2129 (alt-08489) TURNED GREEK SMALL LETTER IOTA
K	U+212A (alt-08490) KELVIN SIGN
Å	U+212B (alt-08491) ANGSTROM SIGN

𝓑   U+212C (alt-08492) SCRIPT CAPITAL B = Bernoulli function

ℭ   U+212D (alt-08493) BLACK-LETTER CAPITAL C

℮   U+212E (alt-08494) ESTIMATED SYMBOL

𝓮   U+212F (alt-08495) SCRIPT SMALL E = error = natural exponent

𝓔   U+2130 (alt-08496) SCRIPT CAPITAL E = emf (electromotive force)

𝓕   U+2131 (alt-08497) SCRIPT CAPITAL F = Fourier transform

Ⅎ   U+2132 (alt-08498) TURNED CAPITAL F = Claudian digamma inversum

𝓜   U+2133 (alt-08499) SCRIPT CAPITAL M = M-matrix (physics) = German Mark currency symbol, before WWII

ℴ   U+2134 (alt-08500) SCRIPT SMALL O = order, of inferior order to

Hebrew letterlike math symbols (These are left-to-right characters.)

ℵ   U+2135 (alt-08501) ALEF SYMBOL = first transfinite cardinal (countable)

ℶ   U+2136 (alt-08502) BET SYMBOL = second transfinite cardinal (the continuum)

ℷ   U+2137 (alt-08503) GIMEL SYMBOL = third transfinite cardinal (functions of a real variable)

ℸ   U+2138 (alt-08504) DALET SYMBOL = fourth transfinite cardinal

Additional letterlike symbols

⅁   U+2141 (alt-08513) TURNED SANS-SERIF CAPITAL G = game

⅂   U+2142 (alt-08514) TURNED SANS-SERIF CAPITAL L

⅃   U+2143 (alt-08515) REVERSED SANS-SERIF CAPITAL L

⅄   U+2144 (alt-08516) TURNED SANS-SERIF CAPITAL Y

Double-struck italic math symbols (These stylized mathematical symbols are used in some documents to distinguish special mathematical usages from ordinary variables.)

ⅅ   U+2145 (alt-08517) DOUBLE-STRUCK ITALIC CAPITAL D

ⅆ   U+2146 (alt-08518) DOUBLE-STRUCK ITALIC SMALL D

ⅇ   U+2147 (alt-08519) DOUBLE-STRUCK ITALIC SMALL E

ⅈ   U+2148 (alt-08520) DOUBLE-STRUCK ITALIC SMALL I

ⅉ   U+2149 (alt-08521) DOUBLE-STRUCK ITALIC SMALL J

Additional letterlike symbols

⅋   U+214B (alt-08523) TURNED AMPERSAND

Lowercase Claudian letter (Claudian letters in inscriptions are uppercase, but may be transcribed by scholars in lowercase.)

ꟻ   U+214E (alt-08526) TURNED SMALL F

Fractions (Other fraction number forms are found in the Latin-1 Supplement block.)

$\frac{1}{7}$ U+2150 (alt-08528) VULGAR FRACTION ONE SEVENTH

$\frac{1}{9}$ U+2151 (alt-08529) VULGAR FRACTION ONE NINTH

$\frac{1}{10}$ U+2152 (alt-08530) VULGAR FRACTION ONE TENTH

$\frac{1}{3}$ U+2153 (alt-08531) VULGAR FRACTION ONE THIRD

$\frac{2}{3}$ U+2154 (alt-08532) VULGAR FRACTION TWO THIRDS

$\frac{1}{5}$ U+2155 (alt-08533) VULGAR FRACTION ONE FIFTH

$\frac{2}{5}$ U+2156 (alt-08534) VULGAR FRACTION TWO FIFTHS

$\frac{3}{5}$ U+2157 (alt-08535) VULGAR FRACTION THREE FIFTHS

$\frac{4}{5}$ U+2158 (alt-08536) VULGAR FRACTION FOUR FIFTHS

$\frac{1}{6}$ U+2159 (alt-08537) VULGAR FRACTION ONE SIXTH

$\frac{5}{6}$ U+215A (alt-08538) VULGAR FRACTION FIVE SIXTHS

$\frac{1}{8}$ U+215B (alt-08539) VULGAR FRACTION ONE EIGHTH

$\frac{3}{8}$ U+215C (alt-08540) VULGAR FRACTION THREE EIGHTHS

$\frac{5}{8}$ U+215D (alt-08541) VULGAR FRACTION FIVE EIGHTHS

$\frac{7}{8}$ U+215E (alt-08542) VULGAR FRACTION SEVEN EIGHTHS

$\frac{1}{}$ U+215F (alt-08543) FRACTION NUMERATOR ONE

Roman numerals

Ⅰ   U+2160 (alt-08544) ROMAN NUMERAL ONE

Ⅱ   U+2161 (alt-08545) ROMAN NUMERAL TWO

Ⅲ   U+2162 (alt-08546) ROMAN NUMERAL THREE

Ⅳ   U+2163 (alt-08547) ROMAN NUMERAL FOUR

Ⅴ   U+2164 (alt-08548) ROMAN NUMERAL FIVE

Ⅵ   U+2165 (alt-08549) ROMAN NUMERAL SIX

Ⅶ   U+2166 (alt-08550) ROMAN NUMERAL SEVEN

Ⅷ   U+2167 (alt-08551) ROMAN NUMERAL EIGHT

IX   U+2168 (alt-08552) ROMAN NUMERAL NINE

X   U+2169 (alt-08553) ROMAN NUMERAL TEN

XI   U+216A (alt-08554) ROMAN NUMERAL ELEVEN

XII   U+216B (alt-08555) ROMAN NUMERAL TWELVE

L   U+216C (alt-08556) ROMAN NUMERAL FIFTY

C   U+216D (alt-08557) ROMAN NUMERAL ONE HUNDRED

D   U+216E (alt-08558) ROMAN NUMERAL FIVE HUNDRED

M   U+216F (alt-08559) ROMAN NUMERAL ONE THOUSAND

i   U+2170 (alt-08560) SMALL ROMAN NUMERAL ONE

ii   U+2171 (alt-08561) SMALL ROMAN NUMERAL TWO

iii   U+2172 (alt-08562) SMALL ROMAN NUMERAL THREE

iv   U+2173 (alt-08563) SMALL ROMAN NUMERAL FOUR

v   U+2174 (alt-08564) SMALL ROMAN NUMERAL FIVE

vi   U+2175 (alt-08565) SMALL ROMAN NUMERAL SIX

vii   U+2176 (alt-08566) SMALL ROMAN NUMERAL SEVEN

viii   U+2177 (alt-08567) SMALL ROMAN NUMERAL EIGHT

ix   U+2178 (alt-08568) SMALL ROMAN NUMERAL NINE

x   U+2179 (alt-08569) SMALL ROMAN NUMERAL TEN

xi   U+217A (alt-08570) SMALL ROMAN NUMERAL ELEVEN

xii   U+217B (alt-08571) SMALL ROMAN NUMERAL TWELVE

l   U+217C (alt-08572) SMALL ROMAN NUMERAL FIFTY

c   U+217D (alt-08573) SMALL ROMAN NUMERAL ONE HUNDRED

d   U+217E (alt-08574) SMALL ROMAN NUMERAL FIVE HUNDRED

m   U+217F (alt-08575) SMALL ROMAN NUMERAL ONE THOUSAND

Lowercase Claudian letter (Claudian letters in inscriptions are uppercase, but may be transcribed by scholars in lowercase.)

Ɔ   U+2184 (alt-08580) LATIN SMALL LETTER REVERSED C

Simple arrows

←   U+2190 (alt-08592) LEFTWARDS ARROW

↑   U+2191 (alt-08593) UPWARDS ARROW

→   U+2192 (alt-08594) RIGHTWARDS ARROW = z notation total function

↓   U+2193 (alt-08595) DOWNWARDS ARROW

↔   U+2194 (alt-08596) LEFT RIGHT ARROW = z notation relation

↕   U+2195 (alt-08597) UP DOWN ARROW

↖   U+2196 (alt-08598) NORTH WEST ARROW

↗   U+2197 (alt-08599) NORTH EAST ARROW

↘   U+2198 (alt-08600) SOUTH EAST ARROW

↙   U+2199 (alt-08601) SOUTH WEST ARROW

Arrows with modifications

↚   U+219A (alt-08602) LEFTWARDS ARROW WITH STROKE

↛   U+219B (alt-08603) RIGHTWARDS ARROW WITH STROKE

↜   U+219C (alt-08604) LEFTWARDS WAVE ARROW

↝   U+219D (alt-08605) RIGHTWARDS WAVE ARROW

↞   U+219E (alt-08606) LEFTWARDS TWO HEADED ARROW = fast cursor left

↟   U+219F (alt-08607) UPWARDS TWO HEADED ARROW = fast cursor up

↠   U+21A0 (alt-08608) RIGHTWARDS TWO HEADED ARROW = z notation total surjection = fast cursor right

↡   U+21A1 (alt-08609) DOWNWARDS TWO HEADED ARROW = form feed = fast cursor down

↢   U+21A2 (alt-08610) LEFTWARDS ARROW WITH TAIL

↣   U+21A3 (alt-08611) RIGHTWARDS ARROW WITH TAIL = z notation total injection

↤   U+21A4 (alt-08612) LEFTWARDS ARROW FROM BAR

↥   U+21A5 (alt-08613) UPWARDS ARROW FROM BAR

↦   U+21A6 (alt-08614) RIGHTWARDS ARROW FROM BAR = z notation maplet

↧   U+21A7 (alt-08615) DOWNWARDS ARROW FROM BAR = depth symbol

↨   U+21A8 (alt-08616) UP DOWN ARROW WITH BASE

↩   U+21A9 (alt-08617) LEFTWARDS ARROW WITH HOOK

↪   U+21AA (alt-08618) RIGHTWARDS ARROW WITH HOOK

↫   U+21AB (alt-08619) LEFTWARDS ARROW WITH LOOP

↬   U+21AC (alt-08620) RIGHTWARDS ARROW WITH LOOP

↭   U+21AD (alt-08621) LEFT RIGHT WAVE ARROW

↮   U+21AE (alt-08622) LEFT RIGHT ARROW WITH STROKE

↯ U+21AF (alt-08623) DOWNWARDS ZIGZAG ARROW = electrolysis

Arrows with bent tips (Other arrows with bent tips to complete this set can be found in the Miscellaneous Symbols and Arrows block.)

↰ U+21B0 (alt-08624) UPWARDS ARROW WITH TIP LEFTWARDS

↱ U+21B1 (alt-08625) UPWARDS ARROW WITH TIP RIGHTWARDS

↲ U+21B2 (alt-08626) DOWNWARDS ARROW WITH TIP LEFTWARDS

↳ U+21B3 (alt-08627) DOWNWARDS ARROW WITH TIP RIGHTWARDS

Keyboard symbols and circle arrows

↴ U+21B4 (alt-08628) RIGHTWARDS ARROW WITH CORNER DOWNWARDS = line feed

↵ U+21B5 (alt-08629) DOWNWARDS ARROW WITH CORNER LEFTWARDS

↶ U+21B6 (alt-08630) ANTICLOCKWISE TOP SEMICIRCLE ARROW

↷ U+21B7 (alt-08631) CLOCKWISE TOP SEMICIRCLE ARROW

↸ U+21B8 (alt-08632) NORTH WEST ARROW TO LONG BAR = home

↹ U+21B9 (alt-08633) LEFTWARDS ARROW TO BAR OVER RIGHTWARDS ARROW TO BAR = tab with shift tab

↺ U+21BA (alt-08634) ANTICLOCKWISE OPEN CIRCLE ARROW

↻ U+21BB (alt-08635) CLOCKWISE OPEN CIRCLE ARROW

Harpoons

↼ U+21BC (alt-08636) LEFTWARDS HARPOON WITH BARB UPWARDS

↽ U+21BD (alt-08637) LEFTWARDS HARPOON WITH BARB DOWNWARDS

↾ U+21BE (alt-08638) UPWARDS HARPOON WITH BARB RIGHTWARDS

↿ U+21BF (alt-08639) UPWARDS HARPOON WITH BARB LEFTWARDS

⇀ U+21C0 (alt-08640) RIGHTWARDS HARPOON WITH BARB UPWARDS

⇁ U+21C1 (alt-08641) RIGHTWARDS HARPOON WITH BARB DOWNWARDS

⇂ U+21C2 (alt-08642) DOWNWARDS HARPOON WITH BARB RIGHTWARDS

⇃ U+21C3 (alt-08643) DOWNWARDS HARPOON WITH BARB LEFTWARDS

Paired arrows and harpoons

⇄ U+21C4 (alt-08644) RIGHTWARDS ARROW OVER LEFTWARDS ARROW

⇅ U+21C5 (alt-08645) UPWARDS ARROW LEFTWARDS OF DOWNWARDS ARROW

⇆ U+21C6 (alt-08646) LEFTWARDS ARROW OVER RIGHTWARDS ARROW

⇇ U+21C7 (alt-08647) LEFTWARDS PAIRED ARROWS

⇈ U+21C8 (alt-08648) UPWARDS PAIRED ARROWS

⇉ U+21C9 (alt-08649) RIGHTWARDS PAIRED ARROWS

⇊ U+21CA (alt-08650) DOWNWARDS PAIRED ARROWS

⇋ U+21CB (alt-08651) LEFTWARDS HARPOON OVER RIGHTWARDS HARPOON

⇌ U+21CC (alt-08652) RIGHTWARDS HARPOON OVER LEFTWARDS HARPOON

Double arrows

⇍ U+21CD (alt-08653) LEFTWARDS DOUBLE ARROW WITH STROKE

⇎ U+21CE (alt-08654) LEFT RIGHT DOUBLE ARROW WITH STROKE

⇏ U+21CF (alt-08655) RIGHTWARDS DOUBLE ARROW WITH STROKE

⇐ U+21D0 (alt-08656) LEFTWARDS DOUBLE ARROW

⇑ U+21D1 (alt-08657) UPWARDS DOUBLE ARROW

⇒ U+21D2 (alt-08658) RIGHTWARDS DOUBLE ARROW

⇓ U+21D3 (alt-08659) DOWNWARDS DOUBLE ARROW

⇔ U+21D4 (alt-08660) LEFT RIGHT DOUBLE ARROW

⇕ U+21D5 (alt-08661) UP DOWN DOUBLE ARROW

⇖ U+21D6 (alt-08662) NORTH WEST DOUBLE ARROW

⇗ U+21D7 (alt-08663) NORTH EAST DOUBLE ARROW

⇘ U+21D8 (alt-08664) SOUTH EAST DOUBLE ARROW

⇙ U+21D9 (alt-08665) SOUTH WEST DOUBLE ARROW

Miscellaneous arrows and keyboard symbols

⇚ U+21DA (alt-08666) LEFTWARDS TRIPLE ARROW

⇛ U+21DB (alt-08667) RIGHTWARDS TRIPLE ARROW

⇜ U+21DC (alt-08668) LEFTWARDS SQUIGGLE ARROW

⇝ U+21DD (alt-08669) RIGHTWARDS SQUIGGLE ARROW

⇞ U+21DE (alt-08670) UPWARDS ARROW WITH DOUBLE STROKE = page up

⇟ U+21DF (alt-08671) DOWNWARDS ARROW WITH DOUBLE STROKE = page down

⇠ U+21E0 (alt-08672) LEFTWARDS DASHED ARROW

⇡ U+21E1 (alt-08673) UPWARDS DASHED ARROW

⇢ U+21E2 (alt-08674) RIGHTWARDS DASHED ARROW

⇣ U+21E3 (alt-08675) DOWNWARDS DASHED ARROW

↤ U+21E4 (alt-08676) LEFTWARDS ARROW TO BAR = leftward tab

↦ U+21E5 (alt-08677) RIGHTWARDS ARROW TO BAR = rightward tab

White arrows and keyboard symbols

⇐ U+21E6 (alt-08678) LEFTWARDS WHITE ARROW

⇑ U+21E7 (alt-08679) UPWARDS WHITE ARROW = shift = level 2 select (ISO 9995-7)

⇒ U+21E8 (alt-08680) RIGHTWARDS WHITE ARROW = group select (ISO 9995-7)

⇓ U+21E9 (alt-08681) DOWNWARDS WHITE ARROW

⇧ U+21EA (alt-08682) UPWARDS WHITE ARROW FROM BAR = caps lock

⇪ U+21EB (alt-08683) UPWARDS WHITE ARROW ON PEDESTAL = level 2 lock

⇫ U+21EC (alt-08684) UPWARDS WHITE ARROW ON PEDESTAL WITH HORIZONTAL BAR = capitals (caps) lock

⇬ U+21ED (alt-08685) UPWARDS WHITE ARROW ON PEDESTAL WITH VERTICAL BAR = numeric lock

⇧ U+21EE (alt-08686) UPWARDS WHITE DOUBLE ARROW = level 3 select

⇮ U+21EF (alt-08687) UPWARDS WHITE DOUBLE ARROW ON PEDESTAL = level 3 lock

⇰ U+21F0 (alt-08688) RIGHTWARDS WHITE ARROW FROM WALL = group lock

⇱ U+21F1 (alt-08689) NORTH WEST ARROW TO CORNER = home

⇲ U+21F2 (alt-08690) SOUTH EAST ARROW TO CORNER = end

⇳ U+21F3 (alt-08691) UP DOWN WHITE ARROW = scrolling

Miscellaneous arrows

⇴ U+21F4 (alt-08692) RIGHT ARROW WITH SMALL CIRCLE

⇵ U+21F5 (alt-08693) DOWNWARDS ARROW LEFTWARDS OF UPWARDS ARROW

⇶ U+21F6 (alt-08694) THREE RIGHTWARDS ARROWS

⇷ U+21F7 (alt-08695) LEFTWARDS ARROW WITH VERTICAL STROKE

⇸ U+21F8 (alt-08696) RIGHTWARDS ARROW WITH VERTICAL STROKE = z notation partial function

⇹ U+21F9 (alt-08697) LEFT RIGHT ARROW WITH VERTICAL STROKE = z notation partial relation

⇺ U+21FA (alt-08698) LEFTWARDS ARROW WITH DOUBLE VERTICAL STROKE

⇻ U+21FB (alt-08699) RIGHTWARDS ARROW WITH DOUBLE VERTICAL STROKE = z notation finite function

⇼ U+21FC (alt-08700) LEFT RIGHT ARROW WITH DOUBLE VERTICAL STROKE = z notation finite relation

⇽ U+21FD (alt-08701) LEFTWARDS OPEN-HEADED ARROW

⇾ U+21FE (alt-08702) RIGHTWARDS OPEN-HEADED ARROW

↔   U+21FF (alt-08703) LEFT RIGHT OPEN-HEADED ARROW

Miscellaneous mathematical symbols

∀   U+2200 (alt-08704) FOR ALL = universal quantifier

∁   U+2201 (alt-08705) COMPLEMENT

∂   U+2202 (alt-08706) PARTIAL DIFFERENTIAL

∃   U+2203 (alt-08707) THERE EXISTS = existential quantifier

∄   U+2204 (alt-08708) THERE DOES NOT EXIST

∅   U+2205 (alt-08709) EMPTY SET = null set

∆   U+2206 (alt-08710) INCREMENT = Laplace operator = forward difference = symmetric difference (in set theory)

∇   U+2207 (alt-08711) NABLA = backward difference = gradient, del

Set membership

∈   U+2208 (alt-08712) ELEMENT OF

∉   U+2209 (alt-08713) NOT AN ELEMENT OF

ϵ   U+220A (alt-08714) SMALL ELEMENT OF

∋   U+220B (alt-08715) CONTAINS AS MEMBER = such that

∌   U+220C (alt-08716) DOES NOT CONTAIN AS MEMBER

϶   U+220D (alt-08717) SMALL CONTAINS AS MEMBER

Miscellaneous mathematical symbol

∎   U+220E (alt-08718) END OF PROOF = q.e.d.

N-ary operators

∏   U+220F (alt-08719) N-ARY PRODUCT = product sign

∐   U+2210 (alt-08720) N-ARY COPRODUCT = coproduct sign

∑   U+2211 (alt-08721) N-ARY SUMMATION = summation sign

Operators

−   U+2212 (alt-08722) MINUS SIGN

∓   U+2213 (alt-08723) MINUS-OR-PLUS SIGN

∔   U+2214 (alt-08724) DOT PLUS

∕   U+2215 (alt-08725) DIVISION SLASH

\   U+2216 (alt-08726) SET MINUS

∗   U+2217 (alt-08727) ASTERISK OPERATOR

∘   U+2218 (alt-08728) RING OPERATOR = composite function = APL jot

∙   U+2219 (alt-08729) BULLET OPERATOR

√   U+221A (alt-08730) SQUARE ROOT = radical sign

∛   U+221B (alt-08731) CUBE ROOT

∜   U+221C (alt-08732) FOURTH ROOT

∝   U+221D (alt-08733) PROPORTIONAL TO

Miscellaneous mathematical symbols

∞   U+221E (alt-08734) INFINITY

∟   U+221F (alt-08735) RIGHT ANGLE

∠   U+2220 (alt-08736) ANGLE

∡   U+2221 (alt-08737) MEASURED ANGLE

∢   U+2222 (alt-08738) SPHERICAL ANGLE = angle arc

Relations

∣   U+2223 (alt-08739) DIVIDES = such that = APL stile

∤   U+2224 (alt-08740) DOES NOT DIVIDE

∥   U+2225 (alt-08741) PARALLEL TO

∦   U+2226 (alt-08742) NOT PARALLEL TO

Logical and set operators

∧   U+2227 (alt-08743) LOGICAL AND = wedge, conjunction

∨   U+2228 (alt-08744) LOGICAL OR = vee, disjunction

∩   U+2229 (alt-08745) INTERSECTION = cap, hat

∪   U+222A (alt-08746) UNION = cup

Integrals

∫   U+222B (alt-08747) INTEGRAL

∬   U+222C (alt-08748) DOUBLE INTEGRAL

∭   U+222D (alt-08749) TRIPLE INTEGRAL

∮   U+222E (alt-08750) CONTOUR INTEGRAL

∯   U+222F (alt-08751) SURFACE INTEGRAL

∰   U+2230 (alt-08752) VOLUME INTEGRAL

∱   U+2231 (alt-08753) CLOCKWISE INTEGRAL

∲   U+2232 (alt-08754) CLOCKWISE CONTOUR INTEGRAL

∳   U+2233 (alt-08755) ANTICLOCKWISE CONTOUR INTEGRAL

Miscellaneous mathematical symbols

∴   U+2234 (alt-08756)   THEREFORE (Freemason symbol - three dots - 3 points symbol). This 3 dos can also be `∴` in HTML.

∵   U+2235 (alt-08757)   BECAUSE

Relations

∶   U+2236 (alt-08758) RATIO

∷   U+2237 (alt-08759) PROPORTION

Operator

∸   U+2238 (alt-08760) DOT MINUS = saturating subtraction

Relation

∹   U+2239 (alt-08761) EXCESS

Operator

∺   U+223A (alt-08762) GEOMETRIC PROPORTION

Relations

∻   U+223B (alt-08763)   HOMOTHETIC

∼   U+223C (alt-08764)   TILDE OPERATOR = varies with (proportional to) = difference between = similar to = not = cycle = APL tilde

∽   U+223D (alt-08765)   REVERSED TILDE = lazy S

∾   U+223E (alt-08766)   INVERTED LAZY S = most positive

Miscellaneous mathematical symbol

∿   U+223F (alt-08767) SINE WAVE = alternating current

Operator

≀   U+2240 (alt-08768) WREATH PRODUCT

Relations

≁   U+2241 (alt-08769) NOT TILDE

≂   U+2242 (alt-08770) MINUS TILDE

≃   U+2243 (alt-08771) ASYMPTOTICALLY EQUAL TO

≄   U+2244 (alt-08772) NOT ASYMPTOTICALLY EQUAL TO

≅   U+2245 (alt-08773) APPROXIMATELY EQUAL TO

≆   U+2246 (alt-08774) APPROXIMATELY BUT NOT ACTUALLY EQUAL TO

≇   U+2247 (alt-08775) NEITHER APPROXIMATELY NOR ACTUALLY EQUAL TO

≈   U+2248 (alt-08776) ALMOST EQUAL TO = asymptotic to

≉   U+2249 (alt-08777) NOT ALMOST EQUAL TO

≊   U+224A (alt-08778) ALMOST EQUAL OR EQUAL TO

≋   U+224B (alt-08779) TRIPLE TILDE

≌   U+224C (alt-08780) ALL EQUAL TO

≍   U+224D (alt-08781) EQUIVALENT TO

≎   U+224E (alt-08782) GEOMETRICALLY EQUIVALENT TO

≏   U+224F (alt-08783) DIFFERENCE BETWEEN

≐   U+2250 (alt-08784) APPROACHES THE LIMIT

≑   U+2251 (alt-08785) GEOMETRICALLY EQUAL TO

≒   U+2252 (alt-08786) APPROXIMATELY EQUAL TO OR THE IMAGE OF = nearly equals

≓   U+2253 (alt-08787) IMAGE OF OR APPROXIMATELY EQUAL TO

≔   U+2254 (alt-08788) COLON EQUALS

≕   U+2255 (alt-08789) EQUALS COLON

≖   U+2256 (alt-08790) RING IN EQUAL TO

≗   U+2257 (alt-08791) RING EQUAL TO = approximately equal to

≘   U+2258 (alt-08792) CORRESPONDS TO

≙ U+2259 (alt-08793) ESTIMATES = corresponds to

≚ U+225A (alt-08794) EQUIANGULAR TO

≛ U+225B (alt-08795) STAR EQUALS

≜ U+225C (alt-08796) DELTA EQUAL TO = equiangular = equal to by definition

≝ U+225D (alt-08797) EQUAL TO BY DEFINITION

≞ U+225E (alt-08798) MEASURED BY

≟ U+225F (alt-08799) QUESTIONED EQUAL TO

≠ U+2260 (alt-08800) NOT EQUAL TO

≡ U+2261 (alt-08801) IDENTICAL TO

≢ U+2262 (alt-08802) NOT IDENTICAL TO

≣ U+2263 (alt-08803) STRICTLY EQUIVALENT TO

≤ U+2264 (alt-08804) LESS-THAN OR EQUAL TO

≥ U+2265 (alt-08805) GREATER-THAN OR EQUAL TO

≦ U+2266 (alt-08806) LESS-THAN OVER EQUAL TO

≧ U+2267 (alt-08807) GREATER-THAN OVER EQUAL TO

≨ U+2268 (alt-08808) LESS-THAN BUT NOT EQUAL TO

≩ U+2269 (alt-08809) GREATER-THAN BUT NOT EQUAL TO

≪ U+226A (alt-08810) MUCH LESS-THAN

≫ U+226B (alt-08811) MUCH GREATER-THAN

≬ U+226C (alt-08812) BETWEEN = plaintiff, quantic

≭ U+226D (alt-08813) NOT EQUIVALENT TO

≮ U+226E (alt-08814) NOT LESS-THAN

≯ U+226F (alt-08815) NOT GREATER-THAN

≰ U+2270 (alt-08816) NEITHER LESS-THAN NOR EQUAL TO

≱ U+2271 (alt-08817) NEITHER GREATER-THAN NOR EQUAL TO

≲ U+2272 (alt-08818) LESS-THAN OR EQUIVALENT TO

≳ U+2273 (alt-08819) GREATER-THAN OR EQUIVALENT TO

≴ U+2274 (alt-08820) NEITHER LESS-THAN NOR EQUIVALENT TO

≵ U+2275 (alt-08821) NEITHER GREATER-THAN NOR EQUIVALENT TO

≶ U+2276 (alt-08822) LESS-THAN OR GREATER-THAN

≷ U+2277 (alt-08823) GREATER-THAN OR LESS-THAN

≸ U+2278 (alt-08824) NEITHER LESS-THAN NOR GREATER-THAN

≹ U+2279 (alt-08825) NEITHER GREATER-THAN NOR LESS-THAN

≺ U+227A (alt-08826) PRECEDES = lower rank than

≻ U+227B (alt-08827) SUCCEEDS = higher rank than

≼ U+227C (alt-08828) PRECEDES OR EQUAL TO

≽ U+227D (alt-08829) SUCCEEDS OR EQUAL TO

≾ U+227E (alt-08830) PRECEDES OR EQUIVALENT TO

≿ U+227F (alt-08831) SUCCEEDS OR EQUIVALENT TO

⊀ U+2280 (alt-08832) DOES NOT PRECEDE

⊁ U+2281 (alt-08833) DOES NOT SUCCEED

⊂ U+2282 (alt-08834) SUBSET OF = included in set

⊃ U+2283 (alt-08835) SUPERSET OF = includes in set

⊄ U+2284 (alt-08836) NOT A SUBSET OF

⊅ U+2285 (alt-08837) NOT A SUPERSET OF

⊆ U+2286 (alt-08838) SUBSET OF OR EQUAL TO

⊇ U+2287 (alt-08839) SUPERSET OF OR EQUAL TO

⊈ U+2288 (alt-08840) NEITHER A SUBSET OF NOR EQUAL TO

⊉ U+2289 (alt-08841) NEITHER A SUPERSET OF NOR EQUAL TO

⊊ U+228A (alt-08842) SUBSET OF WITH NOT EQUAL TO

⊋ U+228B (alt-08843) SUPERSET OF WITH NOT EQUAL TO

Operators

⊌ U+228C (alt-08844) MULTISET

⊍ U+228D (alt-08845) MULTISET MULTIPLICATION

⊎ U+228E (alt-08846) MULTISET UNION = z notation bag addition

Relations

⊏ U+228F (alt-08847) SQUARE IMAGE OF

⊐ U+2290 (alt-08848) SQUARE ORIGINAL OF

⊑ U+2291 (alt-08849) SQUARE IMAGE OF OR EQUAL TO

⊒ U+2292 (alt-08850) SQUARE ORIGINAL OF OR EQUAL TO

Operators

⊓   U+2293 (alt-08851) SQUARE CAP

⊔   U+2294 (alt-08852) SQUARE CUP

⊕   U+2295 (alt-08853) CIRCLED PLUS = direct sum = vector pointing into page

⊖   U+2296 (alt-08854) CIRCLED MINUS = symmetric difference

⊗   U+2297 (alt-08855) CIRCLED TIMES = tensor product = vector pointing into page

⊘   U+2298 (alt-08856) CIRCLED DIVISION SLASH

⊙   U+2299 (alt-08857) CIRCLED DOT OPERATOR = direct product = vector pointing out of page

⊚   U+229A (alt-08858) CIRCLED RING OPERATOR

⊛   U+229B (alt-08859) CIRCLED ASTERISK OPERATOR

⊜   U+229C (alt-08860) CIRCLED EQUALS

⊝   U+229D (alt-08861) CIRCLED DASH

⊞   U+229E (alt-08862) SQUARED PLUS

⊟   U+229F (alt-08863) SQUARED MINUS

⊠   U+22A0 (alt-08864) SQUARED TIMES

⊡   U+22A1 (alt-08865) SQUARED DOT OPERATOR

⊢   U+22A2 (alt-08866) RIGHT TACK = turnstile = proves, implies, yields = reducible

⊣   U+22A3 (alt-08867) LEFT TACK = reverse turnstile = non-theorem, does not yield

Miscellaneous mathematical symbols

⊤   U+22A4 (alt-08868) DOWN TACK = top

⊥   U+22A5 (alt-08869) UP TACK = base, bottom

Relations

⊦   U+22A6 (alt-08870) ASSERTION = reduces to

⊧   U+22A7 (alt-08871) MODELS

⊨   U+22A8 (alt-08872) TRUE = statement is true, valid = is a tautology = satisfies = results in

⊩   U+22A9 (alt-08873) FORCES

⊪   U+22AA (alt-08874) TRIPLE VERTICAL BAR RIGHT TURNSTILE

⊫   U+22AB (alt-08875) DOUBLE VERTICAL BAR DOUBLE RIGHT TURNSTILE

⊬   U+22AC (alt-08876) DOES NOT PROVE

⊭ U+22AD (alt-08877) NOT TRUE

⊮ U+22AE (alt-08878) DOES NOT FORCE

⊯ U+22AF (alt-08879) NEGATED DOUBLE VERTICAL BAR DOUBLE RIGHT TURNSTILE

⋠ U+22B0 (alt-08880) PRECEDES UNDER RELATION

⋡ U+22B1 (alt-08881) SUCCEEDS UNDER RELATION

⊲ U+22B2 (alt-08882) NORMAL SUBGROUP OF

⊳ U+22B3 (alt-08883) CONTAINS AS NORMAL SUBGROUP

⊴ U+22B4 (alt-08884) NORMAL SUBGROUP OF OR EQUAL TO

⊵ U+22B5 (alt-08885) CONTAINS AS NORMAL SUBGROUP OR EQUAL TO

⊶ U+22B6 (alt-08886) ORIGINAL OF

⊷ U+22B7 (alt-08887) IMAGE OF

⊸ U+22B8 (alt-08888) MULTIMAP

⊹ U+22B9 (alt-08889) HERMITIAN CONJUGATE MATRIX

Operators

⊺ U+22BA (alt-08890) INTERCALATE

⊻ U+22BB (alt-08891) XOR

⊼ U+22BC (alt-08892) NAND

⊽ U+22BD (alt-08893) NOR

Miscellaneous mathematical symbols

⊾ U+22BE (alt-08894) RIGHT ANGLE WITH ARC

⊿ U+22BF (alt-08895) RIGHT TRIANGLE

N-ary operators

⋀   U+22C0 (alt-08896) N-ARY LOGICAL AND

⋁   U+22C1 (alt-08897) N-ARY LOGICAL OR

⋂   U+22C2 (alt-08898) N-ARY INTERSECTION = z notation generalised intersection

⋃   U+22C3 (alt-08899) N-ARY UNION = z notation generalised union

Operators

⋄   U+22C4 (alt-08900) DIAMOND OPERATOR

- ⋅   U+22C5 (alt-08901) DOT OPERATOR

- ⋆   U+22C6 (alt-08902) STAR OPERATOR

- ⋇   U+22C7 (alt-08903) DIVISION TIMES

Relation

⋈   U+22C8 (alt-08904) BOWTIE

Operators

⋉   U+22C9 (alt-08905) LEFT NORMAL FACTOR SEMIDIRECT PRODUCT

⋊   U+22CA (alt-08906) RIGHT NORMAL FACTOR SEMIDIRECT PRODUCT

⋋   U+22CB (alt-08907) LEFT SEMIDIRECT PRODUCT

⋌   U+22CC (alt-08908) RIGHT SEMIDIRECT PRODUCT

Relation

⋍   U+22CD (alt-08909) REVERSED TILDE EQUALS

Logical operators

⋎   U+22CE (alt-08910) CURLY LOGICAL OR

⋏   U+22CF (alt-08911) CURLY LOGICAL AND

Relations

⋐   U+22D0 (alt-08912) DOUBLE SUBSET

⋑   U+22D1 (alt-08913) DOUBLE SUPERSET

Operators

⋒   U+22D2 (alt-08914) DOUBLE INTERSECTION

⋓   U+22D3 (alt-08915) DOUBLE UNION

Relations

⋔   U+22D4 (alt-08916) PITCHFORK = proper intersection

⋕   U+22D5 (alt-08917) EQUAL AND PARALLEL TO

⋖   U+22D6 (alt-08918) LESS-THAN WITH DOT

⋗   U+22D7 (alt-08919) GREATER-THAN WITH DOT

⋘   U+22D8 (alt-08920) VERY MUCH LESS-THAN

⋙   U+22D9 (alt-08921) VERY MUCH GREATER-THAN

⋚   U+22DA (alt-08922) LESS-THAN EQUAL TO OR GREATER-THAN

⋛   U+22DB (alt-08923) GREATER-THAN EQUAL TO OR LESS-THAN

⋜   U+22DC (alt-08924) EQUAL TO OR LESS-THAN

⋝   U+22DD (alt-08925) EQUAL TO OR GREATER-THAN

⋞   U+22DE (alt-08926) EQUAL TO OR PRECEDES

⋟   U+22DF (alt-08927) EQUAL TO OR SUCCEEDS

⋠   U+22E0 (alt-08928) DOES NOT PRECEDE OR EQUAL

⋡   U+22E1 (alt-08929) DOES NOT SUCCEED OR EQUAL

⋢   U+22E2 (alt-08930) NOT SQUARE IMAGE OF OR EQUAL TO

⋣   U+22E3 (alt-08931) NOT SQUARE ORIGINAL OF OR EQUAL TO

⋤   U+22E4 (alt-08932) SQUARE IMAGE OF OR NOT EQUAL TO

⋥   U+22E5 (alt-08933) SQUARE ORIGINAL OF OR NOT EQUAL TO

⋦   U+22E6 (alt-08934) LESS-THAN BUT NOT EQUIVALENT TO

⋧   U+22E7 (alt-08935) GREATER-THAN BUT NOT EQUIVALENT TO

⋨   U+22E8 (alt-08936) PRECEDES BUT NOT EQUIVALENT TO

⋩   U+22E9 (alt-08937) SUCCEEDS BUT NOT EQUIVALENT TO

⋪   U+22EA (alt-08938) NOT NORMAL SUBGROUP OF

⋫   U+22EB (alt-08939) DOES NOT CONTAIN AS NORMAL SUBGROUP

⋬   U+22EC (alt-08940) NOT NORMAL SUBGROUP OF OR EQUAL TO

⋭   U+22ED (alt-08941) DOES NOT CONTAIN AS NORMAL SUBGROUP OR EQUAL

⋮   U+22EE (alt-08942) VERTICAL ELLIPSIS

⋯   U+22EF (alt-08943) MIDLINE HORIZONTAL ELLIPSIS

⋰   U+22F0 (alt-08944) UP RIGHT DIAGONAL ELLIPSIS

⋱   U+22F1 (alt-08945) DOWN RIGHT DIAGONAL ELLIPSIS

Miscellaneous technical

⌀   U+2300 (alt-08960) DIAMETER SIGN

⌁   U+2301 (alt-08961) ELECTRIC ARROW

Miscellaneous technical (* from ISO 2047)

⌂   U+2302 (alt-08962) HOUSE

˄   U+2303 (alt-08963) UP ARROWHEAD

˅   U+2304 (alt-08964) DOWN ARROWHEAD

⌅   U+2305 (alt-08965) PROJECTIVE

⌆   U+2306 (alt-08966) PERSPECTIVE

⌇   U+2307 (alt-08967) WAVY LINE

Ceilings and floors (These characters are tall and narrow mathematical delimiters, in contrast to the quine corners or half brackets. They are also distinct from CJK corner brackets, which are wide quotation marks.)

⌈   U+2308 (alt-08968) LEFT CEILING = APL upstile

⌉   U+2309 (alt-08969) RIGHT CEILING

⌊   U+230A (alt-08970) LEFT FLOOR = APL downstile

⌋   U+230B (alt-08971) RIGHT FLOOR

Miscellaneous technical

⌐   U+2310 (alt-08976) REVERSED NOT SIGN = beginning of line

⌑   U+2311 (alt-08977) SQUARE LOZENGE = Kissen (pillow)

⌒   U+2312 (alt-08978) ARC = position of any line

⌓   U+2313 (alt-08979) SEGMENT = position of a surface

⌔   U+2314 (alt-08980) SECTOR

⌕   U+2315 (alt-08981) TELEPHONE RECORDER

⌖   U+2316 (alt-08982) POSITION INDICATOR = true position

⌗   U+2317 (alt-08983) VIEWDATA SQUARE

⌘   U+2318 (alt-08984) PLACE OF INTEREST SIGN = command key = operating system key (ISO 9995-7)

⌙   U+2319 (alt-08985) TURNED NOT SIGN = line marker

User interface symbols

⌚   U+231A (alt-08986) WATCH

⌛   U+231B (alt-08987) HOURGLASS = alchemical symbol for hour

Integral pieces

⌠   U+2320 (alt-08992) TOP HALF INTEGRAL

⌡   U+2321 (alt-08993) BOTTOM HALF INTEGRAL

Frown and smile

⌢ U+2322 (alt-08994) FROWN

⌣ U+2323 (alt-08995) SMILE

Keyboard symbols

⌤ U+2324 (alt-08996) UP ARROWHEAD BETWEEN TWO HORIZONTAL BARS = enter key

⌥ U+2325 (alt-08997) OPTION KEY

⌦ U+2326 (alt-08998) ERASE TO THE RIGHT = delete to the right key

⌧ U+2327 (alt-08999) X IN A RECTANGLE BOX = clear key

⌨ U+2328 (alt-09000) KEYBOARD

Keyboard symbol

⌫ U+232B (alt-09003) ERASE TO THE LEFT = delete to the left key

Chemistry symbol

⌬ U+232C (alt-09004) BENZENE RING

Bracket pieces

⎛ U+239B (alt-09115) LEFT PARENTHESIS UPPER HOOK

⎜ U+239C (alt-09116) LEFT PARENTHESIS EXTENSION

⎝ U+239D (alt-09117) LEFT PARENTHESIS LOWER HOOK

⎞ U+239E (alt-09118) RIGHT PARENTHESIS UPPER HOOK

⎟ U+239F (alt-09119) RIGHT PARENTHESIS EXTENSION

⎠ U+23A0 (alt-09120) RIGHT PARENTHESIS LOWER HOOK

⎡ U+23A1 (alt-09121) LEFT SQUARE BRACKET UPPER CORNER

⎢ U+23A2 (alt-09122) LEFT SQUARE BRACKET EXTENSION

⎣ U+23A3 (alt-09123) LEFT SQUARE BRACKET LOWER CORNER

⎤ U+23A4 (alt-09124) RIGHT SQUARE BRACKET UPPER CORNER

⎥ U+23A5 (alt-09125) RIGHT SQUARE BRACKET EXTENSION

⎦ U+23A6 (alt-09126) RIGHT SQUARE BRACKET LOWER CORNER

⎧ U+23A7 (alt-09127) LEFT CURLY BRACKET UPPER HOOK

⎨ U+23A8 (alt-09128) LEFT CURLY BRACKET MIDDLE PIECE

⌐   U+23A9 (alt-09129) LEFT CURLY BRACKET LOWER HOOK

│   U+23AA (alt-09130) CURLY BRACKET EXTENSION

⌐   U+23AB (alt-09131) RIGHT CURLY BRACKET UPPER HOOK

⌐   U+23AC (alt-09132) RIGHT CURLY BRACKET MIDDLE PIECE

⌐   U+23AD (alt-09133) RIGHT CURLY BRACKET LOWER HOOK

Keyboard and UI symbols

⏎   U+23CE (alt-09166) RETURN SYMBOL

⏏   U+23CF (alt-09167) EJECT SYMBOL

Electrotechnical symbols

⏚   U+23DA (alt-09178) EARTH GROUND

⏛   U+23DB (alt-09179) FUSE

User interface symbols

⏰   U+23F0 (alt-09200) ALARM CLOCK

⏱   U+23F1 (alt-09201) STOPWATCH

⏲   U+23F2 (alt-09202) TIMER CLOCK

⏳   U+23F3 (alt-09203) HOURGLASS WITH FLOWING SAND

Specific symbols for space

␢   U+2422 (alt-09250) BLANK SYMBOL

␣   U+2423 (alt-09251) OPEN BOX

Light and heavy solid lines

──   U+2500 (alt-09472) BOX DRAWINGS LIGHT HORIZONTAL = Videotex Mosaic DG 15

━━   U+2501 (alt-09473) BOX DRAWINGS HEAVY HORIZONTAL

│   U+2502 (alt-09474) BOX DRAWINGS LIGHT VERTICAL = Videotex Mosaic DG 14

┃   U+2503 (alt-09475) BOX DRAWINGS HEAVY VERTICAL

Light and heavy dashed lines

┄┄   U+2504 (alt-09476) BOX DRAWINGS LIGHT TRIPLE DASH HORIZONTAL

┅┅   U+2505 (alt-09477) BOX DRAWINGS HEAVY TRIPLE DASH HORIZONTAL

U+2506 (alt-09478) BOX DRAWINGS LIGHT TRIPLE DASH VERTICAL

U+2507 (alt-09479) BOX DRAWINGS HEAVY TRIPLE DASH VERTICAL

U+2508 (alt-09480) BOX DRAWINGS LIGHT QUADRUPLE DASH HORIZONTAL

U+2509 (alt-09481) BOX DRAWINGS HEAVY QUADRUPLE DASH HORIZONTAL

U+250A (alt-09482) BOX DRAWINGS LIGHT QUADRUPLE DASH VERTICAL

U+250B (alt-09483) BOX DRAWINGS HEAVY QUADRUPLE DASH VERTICAL

Light and heavy line box components

U+250C (alt-09484) BOX DRAWINGS LIGHT DOWN AND RIGHT = Videotex Mosaic DG 16

U+250D (alt-09485) BOX DRAWINGS DOWN LIGHT AND RIGHT HEAVY

U+250E (alt-09486) BOX DRAWINGS DOWN HEAVY AND RIGHT LIGHT

U+250F (alt-09487) BOX DRAWINGS HEAVY DOWN AND RIGHT

U+2510 (alt-09488) BOX DRAWINGS LIGHT DOWN AND LEFT = Videotex Mosaic DG 17

U+2511 (alt-09489) BOX DRAWINGS DOWN LIGHT AND LEFT HEAVY

U+2512 (alt-09490) BOX DRAWINGS DOWN HEAVY AND LEFT LIGHT

U+2513 (alt-09491) BOX DRAWINGS HEAVY DOWN AND LEFT

U+2514 (alt-09492) BOX DRAWINGS LIGHT UP AND RIGHT = Videotex Mosaic DG 18

U+2515 (alt-09493) BOX DRAWINGS UP LIGHT AND RIGHT HEAVY

U+2516 (alt-09494) BOX DRAWINGS UP HEAVY AND RIGHT LIGHT

U+2517 (alt-09495) BOX DRAWINGS HEAVY UP AND RIGHT

U+2518 (alt-09496) BOX DRAWINGS LIGHT UP AND LEFT = Videotex Mosaic DG 19

U+2519 (alt-09497) BOX DRAWINGS UP LIGHT AND LEFT HEAVY

U+251A (alt-09498) BOX DRAWINGS UP HEAVY AND LEFT LIGHT

U+251B (alt-09499) BOX DRAWINGS HEAVY UP AND LEFT

U+251C (alt-09500) BOX DRAWINGS LIGHT VERTICAL AND RIGHT = Videotex Mosaic DG 20

U+251D (alt-09501) BOX DRAWINGS VERTICAL LIGHT AND RIGHT HEAVY = Videotex Mosaic DG 03

U+251E (alt-09502) BOX DRAWINGS UP HEAVY AND RIGHT DOWN LIGHT

U+251F (alt-09503) BOX DRAWINGS DOWN HEAVY AND RIGHT UP LIGHT

U+2520 (alt-09504) BOX DRAWINGS VERTICAL HEAVY AND RIGHT LIGHT

U+2521 (alt-09505) BOX DRAWINGS DOWN LIGHT AND RIGHT UP HEAVY

U+2522 (alt-09506) BOX DRAWINGS UP LIGHT AND RIGHT DOWN HEAVY

┣   U+2523 (alt-09507) BOX DRAWINGS HEAVY VERTICAL AND RIGHT

┤   U+2524 (alt-09508) BOX DRAWINGS LIGHT VERTICAL AND LEFT = Videotex Mosaic DG 21

┥   U+2525 (alt-09509) BOX DRAWINGS VERTICAL LIGHT AND LEFT HEAVY = Videotex Mosaic DG 04

┦   U+2526 (alt-09510) BOX DRAWINGS UP HEAVY AND LEFT DOWN LIGHT

┧   U+2527 (alt-09511) BOX DRAWINGS DOWN HEAVY AND LEFT UP LIGHT

┨   U+2528 (alt-09512) BOX DRAWINGS VERTICAL HEAVY AND LEFT LIGHT

┩   U+2529 (alt-09513) BOX DRAWINGS DOWN LIGHT AND LEFT UP HEAVY

┪   U+252A (alt-09514) BOX DRAWINGS UP LIGHT AND LEFT DOWN HEAVY

┫   U+252B (alt-09515) BOX DRAWINGS HEAVY VERTICAL AND LEFT

┬   U+252C (alt-09516) BOX DRAWINGS LIGHT DOWN AND HORIZONTAL = Videotex Mosaic DG 22

┭   U+252D (alt-09517) BOX DRAWINGS LEFT HEAVY AND RIGHT DOWN LIGHT

┮   U+252E (alt-09518) BOX DRAWINGS RIGHT HEAVY AND LEFT DOWN LIGHT

┯   U+252F (alt-09519) BOX DRAWINGS DOWN LIGHT AND HORIZONTAL HEAVY = Videotex Mosaic DG 02

┰   U+2530 (alt-09520) BOX DRAWINGS DOWN HEAVY AND HORIZONTAL LIGHT

┱   U+2531 (alt-09521) BOX DRAWINGS RIGHT LIGHT AND LEFT DOWN HEAVY

┲   U+2532 (alt-09522) BOX DRAWINGS LEFT LIGHT AND RIGHT DOWN HEAVY

┳   U+2533 (alt-09523) BOX DRAWINGS HEAVY DOWN AND HORIZONTAL

┴   U+2534 (alt-09524) BOX DRAWINGS LIGHT UP AND HORIZONTAL = Videotex Mosaic DG 23

┵   U+2535 (alt-09525) BOX DRAWINGS LEFT HEAVY AND RIGHT UP LIGHT

┶   U+2536 (alt-09526) BOX DRAWINGS RIGHT HEAVY AND LEFT UP LIGHT

┷   U+2537 (alt-09527) BOX DRAWINGS UP LIGHT AND HORIZONTAL HEAVY = Videotex Mosaic DG 01

┸   U+2538 (alt-09528) BOX DRAWINGS UP HEAVY AND HORIZONTAL LIGHT

┹   U+2539 (alt-09529) BOX DRAWINGS RIGHT LIGHT AND LEFT UP HEAVY

┺   U+253A (alt-09530) BOX DRAWINGS LEFT LIGHT AND RIGHT UP HEAVY

┻   U+253B (alt-09531) BOX DRAWINGS HEAVY UP AND HORIZONTAL

┼   U+253C (alt-09532) BOX DRAWINGS LIGHT VERTICAL AND HORIZONTAL = Videotex Mosaic DG 24

┽   U+253D (alt-09533) BOX DRAWINGS LEFT HEAVY AND RIGHT VERTICAL LIGHT

┾   U+253E (alt-09534) BOX DRAWINGS RIGHT HEAVY AND LEFT VERTICAL LIGHT

┿   U+253F (alt-09535) BOX DRAWINGS VERTICAL LIGHT AND HORIZONTAL HEAVY = Videotex Mosaic DG 13

╀   U+2540 (alt-09536) BOX DRAWINGS UP HEAVY AND DOWN HORIZONTAL LIGHT

╁   U+2541 (alt-09537) BOX DRAWINGS DOWN HEAVY AND UP HORIZONTAL LIGHT

╪ U+2542 (alt-09538) BOX DRAWINGS VERTICAL HEAVY AND HORIZONTAL LIGHT

╫ U+2543 (alt-09539) BOX DRAWINGS LEFT UP HEAVY AND RIGHT DOWN LIGHT

╫ U+2544 (alt-09540) BOX DRAWINGS RIGHT UP HEAVY AND LEFT DOWN LIGHT

╫ U+2545 (alt-09541) BOX DRAWINGS LEFT DOWN HEAVY AND RIGHT UP LIGHT

╫ U+2546 (alt-09542) BOX DRAWINGS RIGHT DOWN HEAVY AND LEFT UP LIGHT

╪ U+2547 (alt-09543) BOX DRAWINGS DOWN LIGHT AND UP HORIZONTAL HEAVY

╫ U+2548 (alt-09544) BOX DRAWINGS UP LIGHT AND DOWN HORIZONTAL HEAVY

╫ U+2549 (alt-09545) BOX DRAWINGS RIGHT LIGHT AND LEFT VERTICAL HEAVY

╫ U+254A (alt-09546) BOX DRAWINGS LEFT LIGHT AND RIGHT VERTICAL HEAVY

╋ U+254B (alt-09547) BOX DRAWINGS HEAVY VERTICAL AND HORIZONTAL

Light and heavy dashed lines

╌ U+254C (alt-09548) BOX DRAWINGS LIGHT DOUBLE DASH HORIZONTAL

╍ U+254D (alt-09549) BOX DRAWINGS HEAVY DOUBLE DASH HORIZONTAL

╎ U+254E (alt-09550) BOX DRAWINGS LIGHT DOUBLE DASH VERTICAL

╏ U+254F (alt-09551) BOX DRAWINGS HEAVY DOUBLE DASH VERTICAL

Double lines

═ U+2550 (alt-09552) BOX DRAWINGS DOUBLE HORIZONTAL

║ U+2551 (alt-09553) BOX DRAWINGS DOUBLE VERTICAL

Light and double line box components

╒ U+2552 (alt-09554) BOX DRAWINGS DOWN SINGLE AND RIGHT DOUBLE

╓ U+2553 (alt-09555) BOX DRAWINGS DOWN DOUBLE AND RIGHT SINGLE

╔ U+2554 (alt-09556) BOX DRAWINGS DOUBLE DOWN AND RIGHT

╕ U+2555 (alt-09557) BOX DRAWINGS DOWN SINGLE AND LEFT DOUBLE

╖ U+2556 (alt-09558) BOX DRAWINGS DOWN DOUBLE AND LEFT SINGLE

╗ U+2557 (alt-09559) BOX DRAWINGS DOUBLE DOWN AND LEFT

╘ U+2558 (alt-09560) BOX DRAWINGS UP SINGLE AND RIGHT DOUBLE

╙ U+2559 (alt-09561) BOX DRAWINGS UP DOUBLE AND RIGHT SINGLE

╚ U+255A (alt-09562) BOX DRAWINGS DOUBLE UP AND RIGHT

╛ U+255B (alt-09563) BOX DRAWINGS UP SINGLE AND LEFT DOUBLE

╜ U+255C (alt-09564) BOX DRAWINGS UP DOUBLE AND LEFT SINGLE

╝ U+255D (alt-09565) BOX DRAWINGS DOUBLE UP AND LEFT

╞ U+255E (alt-09566) BOX DRAWINGS VERTICAL SINGLE AND RIGHT DOUBLE

╟ U+255F (alt-09567) BOX DRAWINGS VERTICAL DOUBLE AND RIGHT SINGLE

╠ U+2560 (alt-09568) BOX DRAWINGS DOUBLE VERTICAL AND RIGHT

╡ U+2561 (alt-09569) BOX DRAWINGS VERTICAL SINGLE AND LEFT DOUBLE

╢ U+2562 (alt-09570) BOX DRAWINGS VERTICAL DOUBLE AND LEFT SINGLE

╣ U+2563 (alt-09571) BOX DRAWINGS DOUBLE VERTICAL AND LEFT

╤ U+2564 (alt-09572) BOX DRAWINGS DOWN SINGLE AND HORIZONTAL DOUBLE

╥ U+2565 (alt-09573) BOX DRAWINGS DOWN DOUBLE AND HORIZONTAL SINGLE

╦ U+2566 (alt-09574) BOX DRAWINGS DOUBLE DOWN AND HORIZONTAL

╧ U+2567 (alt-09575) BOX DRAWINGS UP SINGLE AND HORIZONTAL DOUBLE

╨ U+2568 (alt-09576) BOX DRAWINGS UP DOUBLE AND HORIZONTAL SINGLE

╩ U+2569 (alt-09577) BOX DRAWINGS DOUBLE UP AND HORIZONTAL

╪ U+256A (alt-09578) BOX DRAWINGS VERTICAL SINGLE AND HORIZONTAL DOUBLE

╫ U+256B (alt-09579) BOX DRAWINGS VERTICAL DOUBLE AND HORIZONTAL SINGLE

╬ U+256C (alt-09580) BOX DRAWINGS DOUBLE VERTICAL AND HORIZONTAL

Character cell arcs

╭ U+256D (alt-09581) BOX DRAWINGS LIGHT ARC DOWN AND RIGHT

╮ U+256E (alt-09582) BOX DRAWINGS LIGHT ARC DOWN AND LEFT

╯ U+256F (alt-09583) BOX DRAWINGS LIGHT ARC UP AND LEFT

╰ U+2570 (alt-09584) BOX DRAWINGS LIGHT ARC UP AND RIGHT

Character cell diagonals

╱ U+2571 (alt-09585) BOX DRAWINGS LIGHT DIAGONAL UPPER RIGHT TO LOWER LEFT

╲ U+2572 (alt-09586) BOX DRAWINGS LIGHT DIAGONAL UPPER LEFT TO LOWER RIGHT

╳ U+2573 (alt-09587) BOX DRAWINGS LIGHT DIAGONAL CROSS

Light and heavy half lines

╴ U+2574 (alt-09588) BOX DRAWINGS LIGHT LEFT

╵ U+2575 (alt-09589) BOX DRAWINGS LIGHT UP

U+2576 (alt-09590) BOX DRAWINGS LIGHT RIGHT

U+2577 (alt-09591) BOX DRAWINGS LIGHT DOWN

U+2578 (alt-09592) BOX DRAWINGS HEAVY LEFT

U+2579 (alt-09593) BOX DRAWINGS HEAVY UP

U+257A (alt-09594) BOX DRAWINGS HEAVY RIGHT

U+257B (alt-09595) BOX DRAWINGS HEAVY DOWN

Mixed light and heavy lines

U+257C (alt-09596) BOX DRAWINGS LIGHT LEFT AND HEAVY RIGHT

U+257D (alt-09597) BOX DRAWINGS LIGHT UP AND HEAVY DOWN

U+257E (alt-09598) BOX DRAWINGS HEAVY LEFT AND LIGHT RIGHT

U+257F (alt-09599) BOX DRAWINGS HEAVY UP AND LIGHT DOWN

Block elements

U+2580 (alt-09600) UPPER HALF BLOCK

U+2581 (alt-09601) LOWER ONE EIGHTH BLOCK

U+2582 (alt-09602) LOWER ONE QUARTER BLOCK

U+2583 (alt-09603) LOWER THREE EIGHTHS BLOCK

U+2584 (alt-09604) LOWER HALF BLOCK

U+2585 (alt-09605) LOWER FIVE EIGHTHS BLOCK

U+2586 (alt-09606) LOWER THREE QUARTERS BLOCK

U+2587 (alt-09607) LOWER SEVEN EIGHTHS BLOCK

U+2588 (alt-09608) FULL BLOCK = solid

U+2589 (alt-09609) LEFT SEVEN EIGHTHS BLOCK

U+258A (alt-09610) LEFT THREE QUARTERS BLOCK

U+258B (alt-09611) LEFT FIVE EIGHTHS BLOCK

U+258C (alt-09612) LEFT HALF BLOCK

U+258D (alt-09613) LEFT THREE EIGHTHS BLOCK

U+258E (alt-09614) LEFT ONE QUARTER BLOCK

U+258F (alt-09615) LEFT ONE EIGHTH BLOCK

U+2590 (alt-09616) RIGHT HALF BLOCK

Shade characters

U+2591 (alt-09617) LIGHT SHADE

U+2592 (alt-09618) MEDIUM SHADE

U+2593 (alt-09619) DARK SHADE

Block elements

U+2594 (alt-09620) UPPER ONE EIGHTH BLOCK

U+2595 (alt-09621) RIGHT ONE EIGHTH BLOCK

Terminal graphic characters

U+2596 (alt-09622) QUADRANT LOWER LEFT

U+2597 (alt-09623) QUADRANT LOWER RIGHT

U+2598 (alt-09624) QUADRANT UPPER LEFT

U+2599 (alt-09625) QUADRANT UPPER LEFT AND LOWER LEFT AND LOWER RIGHT

U+259A (alt-09626) QUADRANT UPPER LEFT AND LOWER RIGHT

U+259B (alt-09627) QUADRANT UPPER LEFT AND UPPER RIGHT AND LOWER LEFT

U+259C (alt-09628) QUADRANT UPPER LEFT AND UPPER RIGHT AND LOWER RIGHT

U+259D (alt-09629) QUADRANT UPPER RIGHT

U+259E (alt-09630) QUADRANT UPPER RIGHT AND LOWER LEFT

U+259F (alt-09631) QUADRANT UPPER RIGHT AND LOWER LEFT AND LOWER RIGHT

Geometric shapes (Other geometric shapes complementing this set are found in the Miscellaneous Symbols and Arrows block.)

U+25A0 (alt-09632) BLACK SQUARE = moding mark (in ideographic text)

U+25A1 (alt-09633) WHITE SQUARE = quadrature = alchemical symbol for salt

U+25A2 (alt-09634) WHITE SQUARE WITH ROUNDED CORNERS

U+25A3 (alt-09635) WHITE SQUARE CONTAINING BLACK SMALL SQUARE

U+25A4 (alt-09636) SQUARE WITH HORIZONTAL FILL

U+25A5 (alt-09637) SQUARE WITH VERTICAL FILL

U+25A6 (alt-09638) SQUARE WITH ORTHOGONAL CROSSHATCH FILL

U+25A7 (alt-09639) SQUARE WITH UPPER LEFT TO LOWER RIGHT FILL

U+25A8 (alt-09640) SQUARE WITH UPPER RIGHT TO LOWER LEFT FILL

▓   U+25A9 (alt-09641)   SQUARE WITH DIAGONAL CROSSHATCH FILL

■   U+25AA (alt-09642)   BLACK SMALL SQUARE = square bullet

□   U+25AB (alt-09643)   WHITE SMALL SQUARE

▬   U+25AC (alt-09644)   BLACK RECTANGLE

▭   U+25AD (alt-09645)   WHITE RECTANGLE

▮   U+25AE (alt-09646)   BLACK VERTICAL RECTANGLE = histogram marker

▯   U+25AF (alt-09647)   WHITE VERTICAL RECTANGLE

▰   U+25B0 (alt-09648)   BLACK PARALLELOGRAM

▱   U+25B1 (alt-09649)   WHITE PARALLELOGRAM

▲   U+25B2 (alt-09650)   BLACK UP-POINTING TRIANGLE

△   U+25B3 (alt-09651)   WHITE UP-POINTING TRIANGLE = trine

▴   U+25B4 (alt-09652)   BLACK UP-POINTING SMALL TRIANGLE

▵   U+25B5 (alt-09653)   WHITE UP-POINTING SMALL TRIANGLE

▶   U+25B6 (alt-09654)   BLACK RIGHT-POINTING TRIANGLE

▷   U+25B7 (alt-09655)   WHITE RIGHT-POINTING TRIANGLE = z notation range restriction

▸   U+25B8 (alt-09656)   BLACK RIGHT-POINTING SMALL TRIANGLE

▹   U+25B9 (alt-09657)   WHITE RIGHT-POINTING SMALL TRIANGLE

►   U+25BA (alt-09658)   BLACK RIGHT-POINTING POINTER

▻   U+25BB (alt-09659)   WHITE RIGHT-POINTING POINTER = forward arrow indicator

▼   U+25BC (alt-09660)   BLACK DOWN-POINTING TRIANGLE

▽   U+25BD (alt-09661)   WHITE DOWN-POINTING TRIANGLE = Hamilton operator

▾   U+25BE (alt-09662)   BLACK DOWN-POINTING SMALL TRIANGLE

▿   U+25BF (alt-09663)   WHITE DOWN-POINTING SMALL TRIANGLE

◀   U+25C0 (alt-09664)   BLACK LEFT-POINTING TRIANGLE

◁   U+25C1 (alt-09665)   WHITE LEFT-POINTING TRIANGLE = z notation domain restriction

◂   U+25C2 (alt-09666)   BLACK LEFT-POINTING SMALL TRIANGLE

◃   U+25C3 (alt-09667)   WHITE LEFT-POINTING SMALL TRIANGLE

◄   U+25C4 (alt-09668)   BLACK LEFT-POINTING POINTER

◅   U+25C5 (alt-09669)   WHITE LEFT-POINTING POINTER = backward arrow indicator

◆   U+25C6 (alt-09670)   BLACK DIAMOND

◇   U+25C7 (alt-09671)   WHITE DIAMOND

◈ U+25C8 (alt-09672) WHITE DIAMOND CONTAINING BLACK SMALL DIAMOND

◉ U+25C9 (alt-09673) FISHEYE = tainome (Japanese, a kind of bullet)

◊ U+25CA (alt-09674) LOZENGE

○ U+25CB (alt-09675) WHITE CIRCLE

◌ U+25CC (alt-09676) DOTTED CIRCLE

◍ U+25CD (alt-09677) CIRCLE WITH VERTICAL FILL

◎ U+25CE (alt-09678) BULLSEYE

● U+25CF (alt-09679) BLACK CIRCLE

◐ U+25D0 (alt-09680) CIRCLE WITH LEFT HALF BLACK

◑ U+25D1 (alt-09681) CIRCLE WITH RIGHT HALF BLACK

◒ U+25D2 (alt-09682) CIRCLE WITH LOWER HALF BLACK

◓ U+25D3 (alt-09683) CIRCLE WITH UPPER HALF BLACK

◔ U+25D4 (alt-09684) CIRCLE WITH UPPER RIGHT QUADRANT BLACK

◕ U+25D5 (alt-09685) CIRCLE WITH ALL BUT UPPER LEFT QUADRANT BLACK

◖ U+25D6 (alt-09686) LEFT HALF BLACK CIRCLE

◗ U+25D7 (alt-09687) RIGHT HALF BLACK CIRCLE

◘ U+25D8 (alt-09688) INVERSE BULLET

◙ U+25D9 (alt-09689) INVERSE WHITE CIRCLE

◚ U+25DA (alt-09690) UPPER HALF INVERSE WHITE CIRCLE

◛ U+25DB (alt-09691) LOWER HALF INVERSE WHITE CIRCLE

◜ U+25DC (alt-09692) UPPER LEFT QUADRANT CIRCULAR ARC

◝ U+25DD (alt-09693) UPPER RIGHT QUADRANT CIRCULAR ARC

◞ U+25DE (alt-09694) LOWER RIGHT QUADRANT CIRCULAR ARC

◟ U+25DF (alt-09695) LOWER LEFT QUADRANT CIRCULAR ARC

◠ U+25E0 (alt-09696) UPPER HALF CIRCLE

◡ U+25E1 (alt-09697) LOWER HALF CIRCLE

◢ U+25E2 (alt-09698) BLACK LOWER RIGHT TRIANGLE

◣ U+25E3 (alt-09699) BLACK LOWER LEFT TRIANGLE

◤ U+25E4 (alt-09700) BLACK UPPER LEFT TRIANGLE

◥ U+25E5 (alt-09701) BLACK UPPER RIGHT TRIANGLE

◦ U+25E6 (alt-09702) WHITE BULLET

▐ U+25E7 (alt-09703) SQUARE WITH LEFT HALF BLACK

▐ U+25E8 (alt-09704) SQUARE WITH RIGHT HALF BLACK

◩ U+25E9 (alt-09705) SQUARE WITH UPPER LEFT DIAGONAL HALF BLACK

◪ U+25EA (alt-09706) SQUARE WITH LOWER RIGHT DIAGONAL HALF BLACK

▥ U+25EB (alt-09707) WHITE SQUARE WITH VERTICAL BISECTING LINE

◬ U+25EC (alt-09708) WHITE UP-POINTING TRIANGLE WITH DOT

◭ U+25ED (alt-09709) UP-POINTING TRIANGLE WITH LEFT HALF BLACK

◮ U+25EE (alt-09710) UP-POINTING TRIANGLE WITH RIGHT HALF BLACK

◯ U+25EF (alt-09711) LARGE CIRCLE

Control code graphics

◰ U+25F0 (alt-09712) WHITE SQUARE WITH UPPER LEFT QUADRANT

◱ U+25F1 (alt-09713) WHITE SQUARE WITH LOWER LEFT QUADRANT

◲ U+25F2 (alt-09714) WHITE SQUARE WITH LOWER RIGHT QUADRANT

◳ U+25F3 (alt-09715) WHITE SQUARE WITH UPPER RIGHT QUADRANT

◴ U+25F4 (alt-09716) WHITE CIRCLE WITH UPPER LEFT QUADRANT

◵ U+25F5 (alt-09717) WHITE CIRCLE WITH LOWER LEFT QUADRANT

◶ U+25F6 (alt-09718) WHITE CIRCLE WITH LOWER RIGHT QUADRANT

◷ U+25F7 (alt-09719) WHITE CIRCLE WITH UPPER RIGHT QUADRANT

Geometric shapes

◸ U+25F8 (alt-09720) UPPER LEFT TRIANGLE

◹ U+25F9 (alt-09721) UPPER RIGHT TRIANGLE

◺ U+25FA (alt-09722) LOWER LEFT TRIANGLE

◻ U+25FB (alt-09723) WHITE MEDIUM SQUARE = always (modal operator)

◼ U+25FC (alt-09724) BLACK MEDIUM SQUARE

◽ U+25FD (alt-09725) WHITE MEDIUM SMALL SQUARE

◾ U+25FE (alt-09726) BLACK MEDIUM SMALL SQUARE

◿ U+25FF (alt-09727) LOWER RIGHT TRIANGLE

Weather and astrological symbols

☀ U+2600 (alt-09728) BLACK SUN WITH RAYS = clear weather

☁   U+2601 (alt-09729) CLOUD = cloudy weather

☂   U+2602 (alt-09730) UMBRELLA = rainy weather

☃   U+2603 (alt-09731) SNOWMAN = snowy weather

☄   U+2604 (alt-09732) COMET

★   U+2605 (alt-09733) BLACK STAR

☆   U+2606 (alt-09734) WHITE STAR

☇   U+2607 (alt-09735) LIGHTNING

☈   U+2608 (alt-09736) THUNDERSTORM

☉   U+2609 (alt-09737) SUN = alchemical symbol for gold

☊   U+260A (alt-09738) ASCENDING NODE = alchemical symbol for sublimate

☋   U+260B (alt-09739) DESCENDING NODE = alchemical symbol for purify

☌   U+260C (alt-09740) CONJUNCTION = alchemical symbol for day

☍   U+260D (alt-09741) OPPOSITION

Miscellaneous symbols

☎   U+260E (alt-09742) BLACK TELEPHONE

☏   U+260F (alt-09743) WHITE TELEPHONE

☐   U+2610 (alt-09744) BALLOT BOX

☑   U+2611 (alt-09745) BALLOT BOX WITH CHECK

☒   U+2612 (alt-09746) BALLOT BOX WITH X

☓   U+2613 (alt-09747) SALTIRE = St. Andrew's Cross

Weather symbol

☔   U+2614 (alt-09748) UMBRELLA WITH RAIN DROPS = showery weather

Miscellaneous symbol

☕   U+2615 (alt-09749) HOT BEVERAGE = tea or coffee, depending on locale

Japanese chess symbols

☖   U+2616 (alt-09750) WHITE SHOGI PIECE

☗   U+2617 (alt-09751) BLACK SHOGI PIECE

Miscellaneous symbols

✤ U+2618 (alt-09752) SHAMROCK

☙ U+2619 (alt-09753) REVERSED ROTATED FLORAL HEART BULLET

Pointing hand symbols

☚ U+261A (alt-09754) BLACK LEFT POINTING INDEX

☛ U+261B (alt-09755) BLACK RIGHT POINTING INDEX

☜ U+261C (alt-09756) WHITE LEFT POINTING INDEX

☝ U+261D (alt-09757) WHITE UP POINTING INDEX

☞ U+261E (alt-09758) WHITE RIGHT POINTING INDEX = fist (typographic term)

☟ U+261F (alt-09759) WHITE DOWN POINTING INDEX

Warning signs

☠ U+2620 (alt-09760) SKULL AND CROSSBONES (poison)

☡ U+2621 (alt-09761) CAUTION SIGN

☢ U+2622 (alt-09762) RADIOACTIVE SIGN

☣ U+2623 (alt-09763) BIOHAZARD SIGN

Medical and healing symbols

☤ U+2624 (alt-09764) CADUCEUS

☥ U+2625 (alt-09765) ANKH

Religious and political symbols

☦ U+2626 (alt-09766) ORTHODOX CROSS

☧ U+2627 (alt-09767) CHI RHO = Constantine's cross, Christogram

☨ U+2628 (alt-09768) CROSS OF LORRAINE

☩ U+2629 (alt-09769) CROSS OF JERUSALEM

☪ U+262A (alt-09770) STAR AND CRESCENT

☫ U+262B (alt-09771) FARSI SYMBOL = symbol of iran

☬ U+262C (alt-09772) ADI SHAKTI = Gurmukhi khanda

☭ U+262D (alt-09773) HAMMER AND SICKLE

☮ U+262E (alt-09774) PEACE SYMBOL

☯ U+262F (alt-09775) YIN YANG

Yijing trigram symbols

☰   U+2630 (alt-09776) TRIGRAM FOR HEAVEN = qian2

☱   U+2631 (alt-09777) TRIGRAM FOR LAKE = dui4

☲   U+2632 (alt-09778) TRIGRAM FOR FIRE = li2

☳   U+2633 (alt-09779) TRIGRAM FOR THUNDER = zhen4

☴   U+2634 (alt-09780) TRIGRAM FOR WIND = xun4

☵   U+2635 (alt-09781) TRIGRAM FOR WATER = kan3

☶   U+2636 (alt-09782) TRIGRAM FOR MOUNTAIN = gen4

☷   U+2637 (alt-09783) TRIGRAM FOR EARTH = kun1

Miscellaneous symbol

☸   U+2638 (alt-09784) WHEEL OF DHARMA

Emoticons (Many other emoticons are encoded in the Emoticons block starting at U+1F600.)

☹   U+2639 (alt-09785) WHITE FROWNING FACE

☺   U+263A (alt-09786) WHITE SMILING FACE = have a nice day!

☻   U+263B (alt-09787) BLACK SMILING FACE

Miscellaneous symbol

☼   U+263C (alt-09788) WHITE SUN WITH RAYS = compass

Astrological symbols

☽   U+263D (alt-09789) FIRST QUARTER MOON = alchemical symbol for silver

☾   U+263E (alt-09790) LAST QUARTER MOON = alchemical symbol for silver

☿   U+263F (alt-09791) MERCURY = alchemical symbol for quicksilver

♀   U+2640 (alt-09792) FEMALE SIGN = Venus = alchemical symbol for copper

♁   U+2641 (alt-09793) EARTH = alchemical symbol for antimony

♂   U+2642 (alt-09794) MALE SIGN = Mars = alchemical symbol for iron

♃   U+2643 (alt-09795) JUPITER = alchemical symbol for tin

♄   U+2644 (alt-09796) SATURN = alchemical symbol for lead

♅   U+2645 (alt-09797) URANUS

♆   U+2646 (alt-09798) NEPTUNE = alchemical symbol for bismuth/tinglass

♇   U+2647 (alt-09799) PLUTO

Zodiacal symbols

♈   U+2648 (alt-09800) ARIES

♉   U+2649 (alt-09801) TAURUS

♊   U+264A (alt-09802) GEMINI

♋   U+264B (alt-09803) CANCER

♌   U+264C (alt-09804) LEO

♍   U+264D (alt-09805) VIRGO = minim (alternate glyph)

♎   U+264E (alt-09806) LIBRA

♏   U+264F (alt-09807) SCORPIUS = scorpio = minim, drop

♐   U+2650 (alt-09808) SAGITTARIUS

♑   U+2651 (alt-09809) CAPRICORN

♒   U+2652 (alt-09810) AQUARIUS

♓   U+2653 (alt-09811) PISCES

Chess symbols

♔   U+2654 (alt-09812) WHITE CHESS KING

♕   U+2655 (alt-09813) WHITE CHESS QUEEN

♖   U+2656 (alt-09814) WHITE CHESS ROOK

♗   U+2657 (alt-09815) WHITE CHESS BISHOP

♘   U+2658 (alt-09816) WHITE CHESS KNIGHT

♙   U+2659 (alt-09817) WHITE CHESS PAWN

♚   U+265A (alt-09818) BLACK CHESS KING

♛   U+265B (alt-09819) BLACK CHESS QUEEN

♜   U+265C (alt-09820) BLACK CHESS ROOK

♝   U+265D (alt-09821) BLACK CHESS BISHOP

♞   U+265E (alt-09822) BLACK CHESS KNIGHT

♟   U+265F (alt-09823) BLACK CHESS PAWN

Playing card symbols

♠   U+2660 (alt-09824) BLACK SPADE SUIT

♡   U+2661 (alt-09825) WHITE HEART SUIT

♢   U+2662 (alt-09826) WHITE DIAMOND SUIT

♣   U+2663 (alt-09827) BLACK CLUB SUIT

♤   U+2664 (alt-09828) WHITE SPADE SUIT

♥   U+2665 (alt-09829) BLACK HEART SUIT = valentine

♦   U+2666 (alt-09830) BLACK DIAMOND SUIT

♧   U+2667 (alt-09831) WHITE CLUB SUIT

Miscellaneous symbol

♨   U+2668 (alt-09832) HOT SPRINGS

Musical symbols

♩   U+2669 (alt-09833) QUARTER NOTE = crotchet

♪   U+266A (alt-09834) EIGHTH NOTE = quaver

♫   U+266B (alt-09835) BEAMED EIGHTH NOTES = beamed quavers

♬   U+266C (alt-09836) BEAMED SIXTEENTH NOTES = beamed semiquavers

♭   U+266D (alt-09837) MUSIC FLAT SIGN

♮   U+266E (alt-09838) MUSIC NATURAL SIGN

♯   U+266F (alt-09839) MUSIC SHARP SIGN = z notation infix bag count

Recycling symbols

♲   U+2672 (alt-09842) UNIVERSAL RECYCLING SYMBOL

♳   U+2673 (alt-09843) RECYCLING SYMBOL FOR TYPE-1 PLASTICS

♴   U+2674 (alt-09844) RECYCLING SYMBOL FOR TYPE-2 PLASTICS

♵   U+2675 (alt-09845) RECYCLING SYMBOL FOR TYPE-3 PLASTICS

♶   U+2676 (alt-09846) RECYCLING SYMBOL FOR TYPE-4 PLASTICS

♷   U+2677 (alt-09847) RECYCLING SYMBOL FOR TYPE-5 PLASTICS

♸   U+2678 (alt-09848) RECYCLING SYMBOL FOR TYPE-6 PLASTICS

♹   U+2679 (alt-09849) RECYCLING SYMBOL FOR TYPE-7 PLASTICS

♺   U+267A (alt-09850) RECYCLING SYMBOL FOR GENERIC MATERIALS

♻   U+267B (alt-09851) BLACK UNIVERSAL RECYCLING SYMBOL

♼   U+267C (alt-09852) RECYCLED PAPER SYMBOL

U+267D (alt-09853) PARTIALLY-RECYCLED PAPER SYMBOL

Miscellaneous symbols

U+267E (alt-09854) PERMANENT PAPER SIGN

U+267F (alt-09855) WHEELCHAIR SYMBOL

Dice

U+2680 (alt-09856) DIE FACE-1

U+2681 (alt-09857) DIE FACE-2

U+2682 (alt-09858) DIE FACE-3

U+2683 (alt-09859) DIE FACE-4

U+2684 (alt-09860) DIE FACE-5

U+2685 (alt-09861) DIE FACE-6

Dictionary and map symbols

U+2690 (alt-09872) WHITE FLAG

U+2691 (alt-09873) BLACK FLAG

U+2692 (alt-09874) HAMMER AND PICK = mining, working day (in timetables)

U+2693 (alt-09875) ANCHOR = nautical term, harbor (on maps)

U+2694 (alt-09876) CROSSED SWORDS = military term, battleground (on maps), killed in action

U+2695 (alt-09877) STAFF OF AESCULAPIUS = medical term

U+2696 (alt-09878) SCALES = legal term, jurisprudence

U+2697 (alt-09879) ALEMBIC = chemical term, chemistry

U+2698 (alt-09880) FLOWER = botanical term

U+2699 (alt-09881) GEAR = technology, tools

U+269A (alt-09882) STAFF OF HERMES

U+269B (alt-09883) ATOM SYMBOL = nuclear installation (on maps)

Miscellaneous symbols

U+269C (alt-09884) FLEUR-DE-LIS

U+269D (alt-09885) OUTLINED WHITE STAR

Symbols for closed captioning from ARIB STD B24

U+269E (alt-09886) THREE LINES CONVERGING RIGHT = someone speaking

U+269F (alt-09887) THREE LINES CONVERGING LEFT = background speaking

Miscellaneous symbols

U+26A0 (alt-09888) WARNING SIGN

U+26A1 (alt-09889) HIGH VOLTAGE SIGN = thunder = lightning symbol

Gender symbols

⚢	U+26A2 (alt-09890)	DOUBLED FEMALE SIGN = lesbianism
⚣	U+26A3 (alt-09891)	DOUBLED MALE SIGN = male homosexuality
⚤	U+26A4 (alt-09892)	INTERLOCKED FEMALE AND MALE SIGN = bisexuality
⚥	U+26A5 (alt-09893)	MALE AND FEMALE SIGN = transgendered sexuality = hermaphrodite (in entomology)
⚦	U+26A6 (alt-09894)	MALE WITH STROKE SIGN = transgendered sexuality = alchemical symbol for iron or crocus of iron
⚧	U+26A7 (alt-09895)	MALE WITH STROKE AND MALE AND FEMALE SIGN = transgendered sexuality
⚨	U+26A8 (alt-09896)	VERTICAL MALE WITH STROKE SIGN = alchemical symbol for iron
⚩	U+26A9 (alt-09897)	HORIZONTAL MALE WITH STROKE SIGN = alchemical symbol for iron

Circles

U+26AA (alt-09898) MEDIUM WHITE CIRCLE = asexuality, sexless, genderless = engaged, betrothed

U+26AB (alt-09899) MEDIUM BLACK CIRCLE

U+26AC (alt-09900) MEDIUM SMALL WHITE CIRCLE = engaged, betrothed (genealogy)

Genealogical symbols

U+26AD (alt-09901) MARRIAGE SYMBOL

U+26AE (alt-09902) DIVORCE SYMBOL

U+26AF (alt-09903) UNMARRIED PARTNERSHIP SYMBOL

U+26B0 (alt-09904) COFFIN = buried (genealogy)

U+26B1 (alt-09905) FUNERAL URN = cremated (genealogy)

Gender symbol

U+26B2 (alt-09906) NEUTER

Astrological signs

♀ U+26B3 (alt-09907) CERES

♢ U+26B4 (alt-09908) PALLAS

⚵ U+26B5 (alt-09909) JUNO

⚶ U+26B6 (alt-09910) VESTA

⚷ U+26B7 (alt-09911) CHIRON

☾ U+26B8 (alt-09912) BLACK MOON LILITH

⚹ U+26B9 (alt-09913) SEXTILE

⚺ U+26BA (alt-09914) SEMISEXTILE

⚻ U+26BB (alt-09915) QUINCUNX

⚼ U+26BC (alt-09916) SESQUIQUADRATE

Symbols for draughts and checkers

⛀ U+26C0 (alt-09920) WHITE DRAUGHTS MAN

⛁ U+26C1 (alt-09921) WHITE DRAUGHTS KING

⛂ U+26C2 (alt-09922) BLACK DRAUGHTS MAN

⛃ U+26C3 (alt-09923) BLACK DRAUGHTS KING

Astronomical symbol

⛢ U+26E2 (alt-09954) ASTRONOMICAL SYMBOL FOR URANUS

Pentagram symbols (These are mystic or occult symbols.)

⛤ U+26E4 (alt-09956) PENTAGRAM = pentalpha, pentangle

⛥ U+26E5 (alt-09957) RIGHT-HANDED INTERLACED PENTAGRAM

⛦ U+26E6 (alt-09958) LEFT-HANDED INTERLACED PENTAGRAM

⛧ U+26E7 (alt-09959) INVERTED PENTAGRAM

Map symbols from ARIB STD B24

⛨ U+26E8 (alt-09960) BLACK CROSS ON SHIELD = hospital

⛩ U+26E9 (alt-09961) SHINTO SHRINE = torii

⛪ U+26EA (alt-09962) CHURCH

⛫ U+26EB (alt-09963) CASTLE

⛬ U+26EC (alt-09964) HISTORIC SITE

U+26ED (alt-09965) GEAR WITHOUT HUB = factory

U+26EE (alt-09966) GEAR WITH HANDLES = power plant, power substation

U+26EF (alt-09967) MAP SYMBOL FOR LIGHTHOUSE

U+26F0 (alt-09968) MOUNTAIN

U+26F1 (alt-09969) UMBRELLA ON GROUND = bathing beach

U+26F2 (alt-09970) FOUNTAIN = park

U+26F3 (alt-09971) FLAG IN HOLE = golf course

U+26F4 (alt-09972) FERRY = ferry boat terminal

U+26F5 (alt-09973) SAILBOAT = marina or yacht harbour

U+26F6 (alt-09974) SQUARE FOUR CORNERS = intersection

U+26F7 (alt-09975) SKIER = ski resort

U+26F8 (alt-09976) ICE SKATE = ice skating rink

U+26F9 (alt-09977) PERSON WITH BALL = track and field, gymnasium

U+26FA (alt-09978) TENT = camping site

U+26FB (alt-09979) JAPANESE BANK SYMBOL

U+26FC (alt-09980) HEADSTONE GRAVEYARD SYMBOL = graveyard, memorial park, cemetery

U+26FD (alt-09981) FUEL PUMP = petrol station, gas station

U+26FE (alt-09982) CUP ON BLACK SQUARE = drive-in restaurant

U+26FF (alt-09983) WHITE FLAG WITH HORIZONTAL MIDDLE BLACK STRIPE = Japanese self-defence force site

Miscellaneous

U+2701 (alt-09985)   UPPER BLADE SCISSORS

U+2702 (alt-09986)   BLACK SCISSORS

U+2703 (alt-09987)   LOWER BLADE SCISSORS

U+2704 (alt-09988)   WHITE SCISSORS

U+2705 (alt-09989)   WHITE HEAVY CHECK MARK - OK symbol (Accepted mark)

U+2706 (alt-09990)   TELEPHONE LOCATION SIGN

U+2707 (alt-09991)   TAPE DRIVE

U+2708 (alt-09992)   AIRPLANE

U+2709 (alt-09993)   ENVELOPE

U+270A (alt-09994)   RAISED FIST = rock in Rock, Paper, Scissors game

☋ U+270B (alt-09995) RAISED HAND = paper in Rock, Paper, Scissors game

✌ U+270C (alt-09996) VICTORY HAND = scissors in Rock, Paper, Scissors game

✍ U+270D (alt-09997) WRITING HAND

✎ U+270E (alt-09998) LOWER RIGHT PENCIL

✏ U+270F (alt-09999) PENCIL

✐ U+2710 (alt-010000) UPPER RIGHT PENCIL

✑ U+2711 (alt-010001) WHITE NIB

✒ U+2712 (alt-010002) BLACK NIB

✓ U+2713 (alt-010003) CHECK MARK

✔ U+2714 (alt-010004) HEAVY CHECK MARK

✕ U+2715 (alt-010005) MULTIPLICATION X

✖ U+2716 (alt-010006) HEAVY MULTIPLICATION X

✗ U+2717 (alt-010007) BALLOT X

✘ U+2718 (alt-010008) HEAVY BALLOT X

Crosses

✙ U+2719 (alt-010009) OUTLINED GREEK CROSS

✚ U+271A (alt-010010) HEAVY GREEK CROSS

✛ U+271B (alt-010011) OPEN CENTRE CROSS

✜ U+271C (alt-010012) HEAVY OPEN CENTRE CROSS

✝ U+271D (alt-010013) LATIN CROSS

✞ U+271E (alt-010014) SHADOWED WHITE LATIN CROSS

✟ U+271F (alt-010015) OUTLINED LATIN CROSS

✠ U+2720 (alt-010016) MALTESE CROSS

Stars, asterisks and snowflakes

✡ U+2721 (alt-010017) STAR OF DAVID

✢ U+2722 (alt-010018) FOUR TEARDROP-SPOKED ASTERISK

✣ U+2723 (alt-010019) FOUR BALLOON-SPOKED ASTERISK

✤ U+2724 (alt-010020) HEAVY FOUR BALLOON-SPOKED ASTERISK

✥ U+2725 (alt-010021) FOUR CLUB-SPOKED ASTERISK

✦ U+2726 (alt-010022) BLACK FOUR POINTED STAR

✧   U+2727 (alt-010023) WHITE FOUR POINTED STAR

✩✩   U+2728 (alt-010024) SPARKLES

☆   U+2729 (alt-010025) STRESS OUTLINED WHITE STAR

✪   U+272A (alt-010026) CIRCLED WHITE STAR

✫   U+272B (alt-010027) OPEN CENTRE BLACK STAR

✬   U+272C (alt-010028) BLACK CENTRE WHITE STAR

✭   U+272D (alt-010029) OUTLINED BLACK STAR

✮   U+272E (alt-010030) HEAVY OUTLINED BLACK STAR

✯   U+272F (alt-010031) PINWHEEL STAR

✰   U+2730 (alt-010032) SHADOWED WHITE STAR

✱   U+2731 (alt-010033) HEAVY ASTERISK

✲   U+2732 (alt-010034) OPEN CENTRE ASTERISK

✳   U+2733 (alt-010035) EIGHT SPOKED ASTERISK

✴   U+2734 (alt-010036) EIGHT POINTED BLACK STAR

✵   U+2735 (alt-010037) EIGHT POINTED PINWHEEL STAR

✶   U+2736 (alt-010038) SIX POINTED BLACK STAR = sextile

✷   U+2737 (alt-010039) EIGHT POINTED RECTILINEAR BLACK STAR

✸   U+2738 (alt-010040) HEAVY EIGHT POINTED RECTILINEAR BLACK STAR

✹   U+2739 (alt-010041) TWELVE POINTED BLACK STAR

✺   U+273A (alt-010042) SIXTEEN POINTED ASTERISK = starburst

✻   U+273B (alt-010043) TEARDROP-SPOKED ASTERISK

✼   U+273C (alt-010044) OPEN CENTRE TEARDROP-SPOKED ASTERISK

✽   U+273D (alt-010045) HEAVY TEARDROP-SPOKED ASTERISK

✾   U+273E (alt-010046) SIX PETALLED BLACK AND WHITE FLORETTE

✿   U+273F (alt-010047) BLACK FLORETTE

❀   U+2740 (alt-010048) WHITE FLORETTE

❁   U+2741 (alt-010049) EIGHT PETALLED OUTLINED BLACK FLORETTE

❂   U+2742 (alt-010050) CIRCLED OPEN CENTRE EIGHT POINTED STAR

❃   U+2743 (alt-010051) HEAVY TEARDROP-SPOKED PINWHEEL ASTERISK

❄   U+2744 (alt-010052) SNOWFLAKE

❅   U+2745 (alt-010053) TIGHT TRIFOLIATE SNOWFLAKE

✻ U+2746 (alt-010054) HEAVY CHEVRON SNOWFLAKE

✧ U+2747 (alt-010055) SPARKLE

✦ U+2748 (alt-010056) HEAVY SPARKLE

✩ U+2749 (alt-010057) BALLOON-SPOKED ASTERISK = jack

✪ U+274A (alt-010058) EIGHT TEARDROP-SPOKED PROPELLER ASTERISK

✫ U+274B (alt-010059) HEAVY EIGHT TEARDROP-SPOKED PROPELLER ASTERISK = turbofan

Miscellaneous

✖ U+274C (alt-010060) CROSS MARK

◯ U+274D (alt-010061) SHADOWED WHITE CIRCLE

✗ U+274E (alt-010062) NEGATIVE SQUARED CROSS MARK

❏ U+274F (alt-010063) LOWER RIGHT DROP-SHADOWED WHITE SQUARE

❐ U+2750 (alt-010064) UPPER RIGHT DROP-SHADOWED WHITE SQUARE

❑ U+2751 (alt-010065) LOWER RIGHT SHADOWED WHITE SQUARE

❒ U+2752 (alt-010066) UPPER RIGHT SHADOWED WHITE SQUARE

❓ U+2753 (alt-010067) BLACK QUESTION MARK ORNAMENT

❔ U+2754 (alt-010068) WHITE QUESTION MARK ORNAMENT

❕ U+2755 (alt-010069) WHITE EXCLAMATION MARK ORNAMENT

❖ U+2756 (alt-010070) BLACK DIAMOND MINUS WHITE X

❗ U+2757 (alt-010071) HEAVY EXCLAMATION MARK SYMBOL = obstacles on the road, ARIB STD B24

❘ U+2758 (alt-010072) LIGHT VERTICAL BAR

❙ U+2759 (alt-010073) MEDIUM VERTICAL BAR

❚ U+275A (alt-010074) HEAVY VERTICAL BAR

Punctuation ornaments

❛ U+275B (alt-010075) HEAVY SINGLE TURNED COMMA QUOTATION MARK ORNAMENT

❜ U+275C (alt-010076) HEAVY SINGLE COMMA QUOTATION MARK ORNAMENT

❝ U+275D (alt-010077) HEAVY DOUBLE TURNED COMMA QUOTATION MARK ORNAMENT

❞ U+275E (alt-010078) HEAVY DOUBLE COMMA QUOTATION MARK ORNAMENT

❟ U+275F (alt-010079) HEAVY LOW SINGLE COMMA QUOTATION MARK ORNAMENT

❠ U+2760 (alt-010080) HEAVY LOW DOUBLE COMMA QUOTATION MARK ORNAMENT

❡ U+2761 (alt-010081) CURVED STEM PARAGRAPH SIGN ORNAMENT

❣   U+2762 (alt-010082) HEAVY EXCLAMATION MARK ORNAMENT

❣   U+2763 (alt-010083) HEAVY HEART EXCLAMATION MARK ORNAMENT

❤   U+2764 (alt-010084) HEAVY BLACK HEART

❥   U+2765 (alt-010085) ROTATED HEAVY BLACK HEART BULLET

❦   U+2766 (alt-010086) FLORAL HEART = Aldus leaf

❧   U+2767 (alt-010087) ROTATED FLORAL HEART BULLET = hedera, ivy leaf

Dingbat arrow

➔   U+2794 (alt-010132) HEAVY WIDE-HEADED RIGHTWARDS ARROW

Dingbat arrows

➘   U+2798 (alt-010136) HEAVY SOUTH EAST ARROW

➙   U+2799 (alt-010137) HEAVY RIGHTWARDS ARROW

➚   U+279A (alt-010138) HEAVY NORTH EAST ARROW

➛   U+279B (alt-010139) DRAFTING POINT RIGHTWARDS ARROW

➜   U+279C (alt-010140) HEAVY ROUND-TIPPED RIGHTWARDS ARROW

➝   U+279D (alt-010141) TRIANGLE-HEADED RIGHTWARDS ARROW

➞   U+279E (alt-010142) HEAVY TRIANGLE-HEADED RIGHTWARDS ARROW

➟   U+279F (alt-010143) DASHED TRIANGLE-HEADED RIGHTWARDS ARROW

➠   U+27A0 (alt-010144) HEAVY DASHED TRIANGLE-HEADED RIGHTWARDS ARROW

➡   U+27A1 (alt-010145) BLACK RIGHTWARDS ARROW

➢   U+27A2 (alt-010146) THREE-D TOP-LIGHTED RIGHTWARDS ARROWHEAD

➣   U+27A3 (alt-010147) THREE-D BOTTOM-LIGHTED RIGHTWARDS ARROWHEAD

➤   U+27A4 (alt-010148) BLACK RIGHTWARDS ARROWHEAD

➥   U+27A5 (alt-010149) HEAVY BLACK CURVED DOWNWARDS AND RIGHTWARDS ARROW

➦   U+27A6 (alt-010150) HEAVY BLACK CURVED UPWARDS AND RIGHTWARDS ARROW

➧   U+27A7 (alt-010151) SQUAT BLACK RIGHTWARDS ARROW

➨   U+27A8 (alt-010152) HEAVY CONCAVE-POINTED BLACK RIGHTWARDS ARROW

➩   U+27A9 (alt-010153) RIGHT-SHADED WHITE RIGHTWARDS ARROW

➪   U+27AA (alt-010154) LEFT-SHADED WHITE RIGHTWARDS ARROW

➫   U+27AB (alt-010155) BACK-TILTED SHADOWED WHITE RIGHTWARDS ARROW

➬   U+27AC (alt-010156) FRONT-TILTED SHADOWED WHITE RIGHTWARDS ARROW

⇨   U+27AD (alt-010157) HEAVY LOWER RIGHT-SHADOWED WHITE RIGHTWARDS ARROW

⇨   U+27AE (alt-010158) HEAVY UPPER RIGHT-SHADOWED WHITE RIGHTWARDS ARROW

⇨   U+27AF (alt-010159) NOTCHED LOWER RIGHT-SHADOWED WHITE RIGHTWARDS ARROW

⇨   U+27B1 (alt-010161) NOTCHED UPPER RIGHT-SHADOWED WHITE RIGHTWARDS ARROW

⊃   U+27B2 (alt-010162) CIRCLED HEAVY WHITE RIGHTWARDS ARROW

⫸→   U+27B3 (alt-010163) WHITE-FEATHERED RIGHTWARDS ARROW

⭨   U+27B4 (alt-010164) BLACK-FEATHERED SOUTH EAST ARROW

➤→   U+27B5 (alt-010165) BLACK-FEATHERED RIGHTWARDS ARROW

⭧   U+27B6 (alt-010166) BLACK-FEATHERED NORTH EAST ARROW

⭨   U+27B7 (alt-010167) HEAVY BLACK-FEATHERED SOUTH EAST ARROW

➤→   U+27B8 (alt-010168) HEAVY BLACK-FEATHERED RIGHTWARDS ARROW

⭧   U+27B9 (alt-010169) HEAVY BLACK-FEATHERED NORTH EAST ARROW

➔   U+27BA (alt-010170) TEARDROP-BARBED RIGHTWARDS ARROW

➔   U+27BB (alt-010171) HEAVY TEARDROP-SHANKED RIGHTWARDS ARROW

➔   U+27BC (alt-010172) WEDGE-TAILED RIGHTWARDS ARROW

➔   U+27BD (alt-010173) HEAVY WEDGE-TAILED RIGHTWARDS ARROW

⟹   U+27BE (alt-010174) OPEN-OUTLINED RIGHTWARDS ARROW

Arrows

⇑   U+27F0 (alt-010224) UPWARDS QUADRUPLE ARROW

⇓   U+27F1 (alt-010225) DOWNWARDS QUADRUPLE ARROW

↺   U+27F2 (alt-010226) ANTICLOCKWISE GAPPED CIRCLE ARROW

↻   U+27F3 (alt-010227) CLOCKWISE GAPPED CIRCLE ARROW

⊕   U+27F4 (alt-010228) RIGHT ARROW WITH CIRCLED PLUS

Long arrows (The long arrows are used for mapping whereas the short forms would be used in limits. They are also needed for MathML to complete mapping to the AMSA sets.)

⟵   U+27F5 (alt-010229) LONG LEFTWARDS ARROW

⟶   U+27F6 (alt-010230) LONG RIGHTWARDS ARROW

⟷   U+27F7 (alt-010231) LONG LEFT RIGHT ARROW

⟸   U+27F8 (alt-010232) LONG LEFTWARDS DOUBLE ARROW

⟹ U+27F9 (alt-010233) LONG RIGHTWARDS DOUBLE ARROW

⟺ U+27FA (alt-010234) LONG LEFT RIGHT DOUBLE ARROW

⟻ U+27FB (alt-010235) LONG LEFTWARDS ARROW FROM BAR = maps from

⟼ U+27FC (alt-010236) LONG RIGHTWARDS ARROW FROM BAR = maps to

⟽ U+27FD (alt-010237) LONG LEFTWARDS DOUBLE ARROW FROM BAR

⟾ U+27FE (alt-010238) LONG RIGHTWARDS DOUBLE ARROW FROM BAR

⟿ U+27FF (alt-010239) LONG RIGHTWARDS SQUIGGLE ARROW

Miscellaneous arrows

⤀ U+2900
(alt-010496) RIGHTWARDS TWO-HEADED ARROW WITH VERTICAL STROKE = z notation partial surjection

⤁ U+2901
(alt-010497) RIGHTWARDS TWO-HEADED ARROW WITH DOUBLE VERTICAL STROKE = z notation finite surjection

⤂ U+2902
(alt-010498) LEFTWARDS DOUBLE ARROW WITH VERTICAL STROKE

⤃ U+2903
(alt-010499) RIGHTWARDS DOUBLE ARROW WITH VERTICAL STROKE

⤄ U+2904
(alt-010500) LEFT RIGHT DOUBLE ARROW WITH VERTICAL STROKE

⤅ U+2905
(alt-010501) RIGHTWARDS TWO-HEADED ARROW FROM BAR = maps to

⤆ U+2906
(alt-010502) LEFTWARDS DOUBLE ARROW FROM BAR = maps from

⤇ U+2907
(alt-010503) RIGHTWARDS DOUBLE ARROW FROM BAR = maps to

⤈ U+2908
(alt-010504) DOWNWARDS ARROW WITH HORIZONTAL STROKE

⤉ U+2909
(alt-010505) UPWARDS ARROW WITH HORIZONTAL STROKE

⤊ U+290A
(alt-010506) UPWARDS TRIPLE ARROW

⤋ U+290B
(alt-010507) DOWNWARDS TRIPLE ARROW

←-   U+290C
     (alt-010508)   LEFTWARDS DOUBLE DASH ARROW

→→   U+290D
     (alt-010509)   RIGHTWARDS DOUBLE DASH ARROW

←-- U+290E
     (alt-010510)   LEFTWARDS TRIPLE DASH ARROW

--> U+290F
     (alt-010511)   RIGHTWARDS TRIPLE DASH ARROW

>-» U+2910
     (alt-010512)   RIGHTWARDS TWO-HEADED TRIPLE DASH ARROW

····> U+2911
     (alt-010513)   RIGHTWARDS ARROW WITH DOTTED STEM

↑   U+2912
     (alt-010514)   UPWARDS ARROW TO BAR

↓   U+2913
     (alt-010515)   DOWNWARDS ARROW TO BAR

↣   U+2914
     (alt-010516)   RIGHTWARDS ARROW WITH TAIL WITH VERTICAL STROKE = z notation partial injection

↣   U+2915
     (alt-010517)   RIGHTWARDS ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE = z notation finite injection

↠   U+2916
     (alt-010518)   RIGHTWARDS TWO-HEADED ARROW WITH TAIL = bijective mapping = z notation bijection

↠   U+2917
     (alt-010519)   RIGHTWARDS TWO-HEADED ARROW WITH TAIL WITH VERTICAL STROKE = z notation surjective injection

↠   U+2918
     (alt-010520)   RIGHTWARDS TWO-HEADED ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE = z notation finite surjective injection

Arrow tails

↢   U+2919 (alt-010521) LEFTWARDS ARROW-TAIL

↣   U+291A (alt-010522) RIGHTWARDS ARROW-TAIL

↢   U+291B (alt-010523) LEFTWARDS DOUBLE ARROW-TAIL

⤜   U+291C (alt-010524) RIGHTWARDS DOUBLE ARROW-TAIL

Miscellaneous arrows

⤝   U+291D (alt-010525) LEFTWARDS ARROW TO BLACK DIAMOND

⤞   U+291E (alt-010526) RIGHTWARDS ARROW TO BLACK DIAMOND

⤟   U+291F (alt-010527) LEFTWARDS ARROW FROM BAR TO BLACK DIAMOND

⤠   U+2920 (alt-010528) RIGHTWARDS ARROW FROM BAR TO BLACK DIAMOND

⤡   U+2921 (alt-010529) NORTH WEST AND SOUTH EAST ARROW

⤢   U+2922 (alt-010530) NORTH EAST AND SOUTH WEST ARROW

⤣   U+2923 (alt-010531) NORTH WEST ARROW WITH HOOK

⤤   U+2924 (alt-010532) NORTH EAST ARROW WITH HOOK

⤥   U+2925 (alt-010533) SOUTH EAST ARROW WITH HOOK

⤦   U+2926 (alt-010534) SOUTH WEST ARROW WITH HOOK

Crossing arrows for knot theory

⤧   U+2927 (alt-010535) NORTH WEST ARROW AND NORTH EAST ARROW

⤨   U+2928 (alt-010536) NORTH EAST ARROW AND SOUTH EAST ARROW

⤩   U+2929 (alt-010537) SOUTH EAST ARROW AND SOUTH WEST ARROW

⤪   U+292A (alt-010538) SOUTH WEST ARROW AND NORTH WEST ARROW

⤫   U+292B (alt-010539) RISING DIAGONAL CROSSING FALLING DIAGONAL

⤬   U+292C (alt-010540) FALLING DIAGONAL CROSSING RISING DIAGONAL

⤭   U+292D (alt-010541) SOUTH EAST ARROW CROSSING NORTH EAST ARROW

⤮   U+292E (alt-010542) NORTH EAST ARROW CROSSING SOUTH EAST ARROW

⤯   U+292F (alt-010543) FALLING DIAGONAL CROSSING NORTH EAST ARROW

⤰   U+2930 (alt-010544) RISING DIAGONAL CROSSING SOUTH EAST ARROW

⤱   U+2931 (alt-010545) NORTH EAST ARROW CROSSING NORTH WEST ARROW

⤲   U+2932 (alt-010546) NORTH WEST ARROW CROSSING NORTH EAST ARROW

Miscellaneous curved arrows

⤳   U+2933 (alt-010547) WAVE ARROW POINTING DIRECTLY RIGHT

⤴   U+2934 (alt-010548) ARROW POINTING RIGHTWARDS THEN CURVING UPWARDS

⤵   U+2935 (alt-010549) ARROW POINTING RIGHTWARDS THEN CURVING DOWNWARDS

↵   U+2936 (alt-010550) ARROW POINTING DOWNWARDS THEN CURVING LEFTWARDS

↳   U+2937 (alt-010551) ARROW POINTING DOWNWARDS THEN CURVING RIGHTWARDS

⤸   U+2938 (alt-010552) RIGHT-SIDE ARC CLOCKWISE ARROW

⤹   U+2939 (alt-010553) LEFT-SIDE ARC ANTICLOCKWISE ARROW

⤺   U+293A (alt-010554) TOP ARC ANTICLOCKWISE ARROW

⤻   U+293B (alt-010555) BOTTOM ARC ANTICLOCKWISE ARROW

⤼   U+293C (alt-010556) TOP ARC CLOCKWISE ARROW WITH MINUS

⤽   U+293D (alt-010557) TOP ARC ANTICLOCKWISE ARROW WITH PLUS

⤾   U+293E (alt-010558) LOWER RIGHT SEMICIRCULAR CLOCKWISE ARROW

⤿   U+293F (alt-010559) LOWER LEFT SEMICIRCULAR ANTICLOCKWISE ARROW

⥀   U+2940 (alt-010560) ANTICLOCKWISE CLOSED CIRCLE ARROW

⥁   U+2941 (alt-010561) CLOCKWISE CLOSED CIRCLE ARROW

Arrows combined with operators

⇄   U+2942 (alt-010562) RIGHTWARDS ARROW ABOVE SHORT LEFTWARDS ARROW

⇇   U+2943 (alt-010563) LEFTWARDS ARROW ABOVE SHORT RIGHTWARDS ARROW

⥄   U+2944 (alt-010564) SHORT RIGHTWARDS ARROW ABOVE LEFTWARDS ARROW

⥅   U+2945 (alt-010565) RIGHTWARDS ARROW WITH PLUS BELOW

⥆   U+2946 (alt-010566) LEFTWARDS ARROW WITH PLUS BELOW

⥇   U+2947 (alt-010567) RIGHTWARDS ARROW THROUGH X

⥈   U+2948 (alt-010568) LEFT RIGHT ARROW THROUGH SMALL CIRCLE

⥉   U+2949 (alt-010569) UPWARDS TWO-HEADED ARROW FROM SMALL CIRCLE

Double-barbed harpoons

⥊   U+294A (alt-010570) LEFT BARB UP RIGHT BARB DOWN HARPOON

⥋   U+294B (alt-010571) LEFT BARB DOWN RIGHT BARB UP HARPOON

⥌   U+294C (alt-010572) UP BARB RIGHT DOWN BARB LEFT HARPOON

⥍   U+294D (alt-010573) UP BARB LEFT DOWN BARB RIGHT HARPOON

⥎   U+294E (alt-010574) LEFT BARB UP RIGHT BARB UP HARPOON

⥏   U+294F (alt-010575) UP BARB RIGHT DOWN BARB RIGHT HARPOON

⥐   U+2950 (alt-010576) LEFT BARB DOWN RIGHT BARB DOWN HARPOON

⥑   U+2951 (alt-010577) UP BARB LEFT DOWN BARB LEFT HARPOON

White and black arrows (Other white and black arrows to complete this set can be found in the Arrows and Dingbats blocks.)

⬀   U+2B00 (alt-011008) NORTH EAST WHITE ARROW

⬁   U+2B01 (alt-011009) NORTH WEST WHITE ARROW

⬂   U+2B02 (alt-011010) SOUTH EAST WHITE ARROW

⬃   U+2B03 (alt-011011) SOUTH WEST WHITE ARROW

⬄   U+2B04 (alt-011012) LEFT RIGHT WHITE ARROW

⬅   U+2B05 (alt-011013) LEFTWARDS BLACK ARROW

⬆   U+2B06 (alt-011014) UPWARDS BLACK ARROW

⬇   U+2B07 (alt-011015) DOWNWARDS BLACK ARROW

⬈   U+2B08 (alt-011016) NORTH EAST BLACK ARROW

⬉   U+2B09 (alt-011017) NORTH WEST BLACK ARROW

⬊   U+2B0A (alt-011018) SOUTH EAST BLACK ARROW

⬋   U+2B0B (alt-011019) SOUTH WEST BLACK ARROW

⬌   U+2B0C (alt-011020) LEFT RIGHT BLACK ARROW

⬍   U+2B0D (alt-011021) UP DOWN BLACK ARROW

Arrows with bent tips (Other arrows with bent tips to complete this set can be found in the Arrows block.)

⬎   U+2B0E (alt-011022) RIGHTWARDS ARROW WITH TIP DOWNWARDS

⬏   U+2B0F (alt-011023) RIGHTWARDS ARROW WITH TIP UPWARDS

⬐   U+2B10 (alt-011024) LEFTWARDS ARROW WITH TIP DOWNWARDS

⬑   U+2B11 (alt-011025) LEFTWARDS ARROW WITH TIP UPWARDS

Squares

⬒   U+2B12 (alt-011026) SQUARE WITH TOP HALF BLACK

⬓   U+2B13 (alt-011027) SQUARE WITH BOTTOM HALF BLACK

◩   U+2B14 (alt-011028) SQUARE WITH UPPER RIGHT DIAGONAL HALF BLACK

◪   U+2B15 (alt-011029) SQUARE WITH LOWER LEFT DIAGONAL HALF BLACK

Diamonds

⬖   U+2B16 (alt-011030) DIAMOND WITH LEFT HALF BLACK

⬗   U+2B17 (alt-011031) DIAMOND WITH RIGHT HALF BLACK

◆ U+2B18 (alt-011032) DIAMOND WITH TOP HALF BLACK

◆ U+2B19 (alt-011033) DIAMOND WITH BOTTOM HALF BLACK

Squares

⬚ U+2B1A (alt-011034) DOTTED SQUARE

Orthographic Latin additions

Ⱡ U+2C60 (alt-011360) LATIN CAPITAL LETTER L WITH DOUBLE BAR

ⱡ U+2C61 (alt-011361) LATIN SMALL LETTER L WITH DOUBLE BAR

Ᵽ U+2C63 (alt-011363) LATIN CAPITAL LETTER P WITH STROKE

ⱥ U+2C65 (alt-011365) LATIN SMALL LETTER A WITH STROKE

ⱦ U+2C66 (alt-011366) LATIN SMALL LETTER T WITH DIAGONAL STROKE

Miscellaneous additions

Ɑ U+2C6D (alt-011373) LATIN CAPITAL LETTER ALPHA

Ɐ U+2C6F (alt-011375) LATIN CAPITAL LETTER TURNED A

Ɒ U+2C70 (alt-011376) LATIN CAPITAL LETTER TURNED ALPHA

Half brackets (These form a set of four corner brackets and are used editorially. They are distinguished from mathematical floor and ceiling characters. Occasionally quine corners are substituted for half brackets.)

⌜ U+2E22 (alt-011810) TOP LEFT HALF BRACKET

⌝ U+2E23 (alt-011811) TOP RIGHT HALF BRACKET

⌞ U+2E24 (alt-011812) BOTTOM LEFT HALF BRACKET

⌟ U+2E25 (alt-011813) BOTTOM RIGHT HALF BRACKET

Historic punctuation

⸮ U+2E2E (alt-011822) REVERSED QUESTION MARK = punctus percontativus

CJK symbols and punctuation

〃 U+3003 (alt-012291) DITTO MARK

〄 U+3004 (alt-012292) JAPANESE INDUSTRIAL STANDARD SYMBOL

Latin ligatures (See the Basic Latin block starting at 0020)

ﬀ   U+FB00 (alt-064256) LATIN SMALL LIGATURE FF

ﬁ   U+FB01 (alt-064257) LATIN SMALL LIGATURE FI

ﬂ   U+FB02 (alt-064258) LATIN SMALL LIGATURE FL

ﬃ   U+FB03 (alt-064259) LATIN SMALL LIGATURE FFI

ﬄ   U+FB04 (alt-064260) LATIN SMALL LIGATURE FFL

ﬅ   U+FB05 (alt-064261) LATIN SMALL LIGATURE LONG S T

ﬆ   U+FB06 (alt-064262) LATIN SMALL LIGATURE ST

Punctuation

﴾   U+FD3E (alt-064830) ORNATE LEFT PARENTHESIS

﴿   U+FD3F (alt-064831) ORNATE RIGHT PARENTHESIS

Currency sign

﷼   U+FDFC (alt-065020) RIAL SIGN

Glyphs for vertical variants

﹐   U+FE10 (alt-065040) PRESENTATION FORM FOR VERTICAL COMMA

﹑   U+FE11 (alt-065041) PRESENTATION FORM FOR VERTICAL IDEOGRAPHIC COMMA

﹒   U+FE12 (alt-065042) PRESENTATION FORM FOR VERTICAL IDEOGRAPHIC FULL STOP

﹓   U+FE13 (alt-065043) PRESENTATION FORM FOR VERTICAL COLON

﹔   U+FE14 (alt-065044) PRESENTATION FORM FOR VERTICAL SEMICOLON

﹕   U+FE15 (alt-065045) PRESENTATION FORM FOR VERTICAL EXCLAMATION MARK

﹖   U+FE16 (alt-065046) PRESENTATION FORM FOR VERTICAL QUESTION MARK

﹗   U+FE17 (alt-065047) PRESENTATION FORM FOR VERTICAL LEFT WHITE LENTICULAR BRACKET

﹘   U+FE18 (alt-065048) PRESENTATION FORM FOR VERTICAL RIGHT WHITE LENTICULAR BRAKCET

﹙   U+FE19 (alt-065049) PRESENTATION FORM FOR VERTICAL HORIZONTAL ELLIPSIS

︰   U+FE30 (alt-065072) PRESENTATION FORM FOR VERTICAL TWO DOT LEADER

︱   U+FE31 (alt-065073) PRESENTATION FORM FOR VERTICAL EM DASH

︲   U+FE32 (alt-065074) PRESENTATION FORM FOR VERTICAL EN DASH

︳   U+FE33 (alt-065075) PRESENTATION FORM FOR VERTICAL LOW LINE

︴   U+FE34 (alt-065076) PRESENTATION FORM FOR VERTICAL WAVY LOW LINE

︵   U+FE35 (alt-065077) PRESENTATION FORM FOR VERTICAL LEFT PARENTHESIS

⌣ U+FE36 (alt-065078) PRESENTATION FORM FOR VERTICAL RIGHT PARENTHESIS

︷ U+FE37 (alt-065079) PRESENTATION FORM FOR VERTICAL LEFT CURLY BRACKET

︸ U+FE38 (alt-065080) PRESENTATION FORM FOR VERTICAL RIGHT CURLY BRACKET

︹ U+FE39 (alt-065081) PRESENTATION FORM FOR VERTICAL LEFT TORTOISE SHELL BRACKET

︺ U+FE3A (alt-065082) PRESENTATION FORM FOR VERTICAL RIGHT TORTOISE SHELL BRACKET

︻ U+FE3B (alt-065083) PRESENTATION FORM FOR VERTICAL LEFT BLACK LENTICULAR BRACKET

︼ U+FE3C (alt-065084) PRESENTATION FORM FOR VERTICAL RIGHT BLACK LENTICULAR BRACKET

︽ U+FE3D (alt-065085) PRESENTATION FORM FOR VERTICAL LEFT DOUBLE ANGLE BRACKET

︾ U+FE3E (alt-065086) PRESENTATION FORM FOR VERTICAL RIGHT DOUBLE ANGLE BRACKET

︿ U+FE3F (alt-065087) PRESENTATION FORM FOR VERTICAL LEFT ANGLE BRACKET

﹀ U+FE40 (alt-065088) PRESENTATION FORM FOR VERTICAL RIGHT ANGLE BRACKET

﹁ U+FE41 (alt-065089) PRESENTATION FORM FOR VERTICAL LEFT CORNER BRACKET

﹂ U+FE42 (alt-065090) PRESENTATION FORM FOR VERTICAL RIGHT CORNER BRACKET

﹃ U+FE43 (alt-065091) PRESENTATION FORM FOR VERTICAL LEFT WHITE CORNER BRACKET

﹄ U+FE44 (alt-065092) PRESENTATION FORM FOR VERTICAL RIGHT WHITE CORNER BRACKET

Sidelining emphasis marks

﹅ U+FE45 (alt-065093) SESAME DOT

﹆ U+FE46 (alt-065094) WHITE SESAME DOT

Overscores and underscores

﹉ U+FE49 (alt-065097) DASHED OVERLINE

﹊ U+FE4A (alt-065098) CENTRELINE OVERLINE

﹋ U+FE4B (alt-065099) WAVY OVERLINE

﹌ U+FE4C (alt-065100) DOUBLE WAVY OVERLINE

﹍ U+FE4D (alt-065101) DASHED LOW LINE

﹎ U+FE4E (alt-065102) CENTRELINE LOW LINE

﹏ U+FE4F (alt-065103) WAVY LOW LINE

Small form variants

， U+FE50 (alt-065104) SMALL COMMA

、 U+FE51 (alt-065105) SMALL IDEOGRAPHIC COMMA

． U+FE52 (alt-065106) SMALL FULL STOP

； U+FE54 (alt-065108) SMALL SEMICOLON

： U+FE55 (alt-065109) SMALL COLON

？ U+FE56 (alt-065110) SMALL QUESTION MARK

！ U+FE57 (alt-065111) SMALL EXCLAMATION MARK

〼 U+FE58 (alt-065112) SMALL EM DASH

（ U+FE59 (alt-065113) SMALL LEFT PARENTHESIS

） U+FE5A (alt-065114) SMALL RIGHT PARENTHESIS

｛ U+FE5B (alt-065115) SMALL LEFT CURLY BRACKET

｝ U+FE5C (alt-065116) SMALL RIGHT CURLY BRACKET

〔 U+FE5D (alt-065117) SMALL LEFT TORTOISE SHELL BRACKET

〕 U+FE5E (alt-065118) SMALL RIGHT TORTOISE SHELL BRACKET

＃ U+FE5F (alt-065119) SMALL NUMBER SIGN

＆ U+FE60 (alt-065120) SMALL AMPERSAND

＊ U+FE61 (alt-065121) SMALL ASTERISK

＋ U+FE62 (alt-065122) SMALL PLUS SIGN

－ U+FE63 (alt-065123) SMALL HYPHEN-MINUS

＜ U+FE64 (alt-065124) SMALL LESS-THAN SIGN

＞ U+FE65 (alt-065125) SMALL GREATER-THAN SIGN

＝ U+FE66 (alt-065126) SMALL EQUALS SIGN

＼ U+FE68 (alt-065128) SMALL REVERSE SOLIDUS

＄ U+FE69 (alt-065129) SMALL DOLLAR SIGN

％ U+FE6A (alt-065130) SMALL PERCENT SIGN

＠ U+FE6B (alt-065131) SMALL COMMERCIAL AT

Special

U+FEFF (alt-065279) ZERO WIDTH NO-BREAK SPACE = BYTE ORDER MARK (BOM), ZWNBSP

Fullwidth ASCII variants (See ASCII 0020 - 007E)

！ U+FF01 (alt-065281) FULLWIDTH EXCLAMATION MARK

＂ U+FF02 (alt-065282) FULLWIDTH QUOTATION MARK

＃ U+FF03 (alt-065283) FULLWIDTH NUMBER SIGN

＄ U+FF04 (alt-065284) FULLWIDTH DOLLAR SIGN

％ U+FF05 (alt-065285) FULLWIDTH PERCENT SIGN

＆ U+FF06 (alt-065286) FULLWIDTH AMPERSAND

＇ U+FF07 (alt-065287) FULLWIDTH APOSTROPHE

（ U+FF08 (alt-065288) FULLWIDTH LEFT PARENTHESIS

） U+FF09 (alt-065289) FULLWIDTH RIGHT PARENTHESIS

＊ U+FF0A (alt-065290) FULLWIDTH ASTERISK

＋ U+FF0B (alt-065291) FULLWIDTH PLUS SIGN

， U+FF0C (alt-065292) FULLWIDTH COMMA

－ U+FF0D (alt-065293) FULLWIDTH HYPHEN-MINUS

． U+FF0E (alt-065294) FULLWIDTH FULL STOP

／ U+FF0F (alt-065295) FULLWIDTH SOLIDUS

０ U+FF10 (alt-065296) FULLWIDTH DIGIT ZERO

１ U+FF11 (alt-065297) FULLWIDTH DIGIT ONE

２ U+FF12 (alt-065298) FULLWIDTH DIGIT TWO

３ U+FF13 (alt-065299) FULLWIDTH DIGIT THREE

４ U+FF14 (alt-065300) FULLWIDTH DIGIT FOUR

５ U+FF15 (alt-065301) FULLWIDTH DIGIT FIVE

６ U+FF16 (alt-065302) FULLWIDTH DIGIT SIX

７ U+FF17 (alt-065303) FULLWIDTH DIGIT SEVEN

８ U+FF18 (alt-065304) FULLWIDTH DIGIT EIGHT

９ U+FF19 (alt-065305) FULLWIDTH DIGIT NINE

： U+FF1A (alt-065306) FULLWIDTH COLON

； U+FF1B (alt-065307) FULLWIDTH SEMICOLON

<   U+FF1C (alt-065308) FULLWIDTH LESS-THAN SIGN

=   U+FF1D (alt-065309) FULLWIDTH EQUALS SIGN

>   U+FF1E (alt-065310) FULLWIDTH GREATER-THAN SIGN

?   U+FF1F (alt-065311) FULLWIDTH QUESTION MARK

@   U+FF20 (alt-065312) FULLWIDTH COMMERCIAL AT

A   U+FF21 (alt-065313) FULLWIDTH LATIN CAPITAL LETTER A

B   U+FF22 (alt-065314) FULLWIDTH LATIN CAPITAL LETTER B

C   U+FF23 (alt-065315) FULLWIDTH LATIN CAPITAL LETTER C

D   U+FF24 (alt-065316) FULLWIDTH LATIN CAPITAL LETTER D

E   U+FF25 (alt-065317) FULLWIDTH LATIN CAPITAL LETTER E

F   U+FF26 (alt-065318) FULLWIDTH LATIN CAPITAL LETTER F

G   U+FF27 (alt-065319) FULLWIDTH LATIN CAPITAL LETTER G

H   U+FF28 (alt-065320) FULLWIDTH LATIN CAPITAL LETTER H

I   U+FF29 (alt-065321) FULLWIDTH LATIN CAPITAL LETTER I

J   U+FF2A (alt-065322) FULLWIDTH LATIN CAPITAL LETTER J

K   U+FF2B (alt-065323) FULLWIDTH LATIN CAPITAL LETTER K

L   U+FF2C (alt-065324) FULLWIDTH LATIN CAPITAL LETTER L

M   U+FF2D (alt-065325) FULLWIDTH LATIN CAPITAL LETTER M

N   U+FF2E (alt-065326) FULLWIDTH LATIN CAPITAL LETTER N

O   U+FF2F (alt-065327) FULLWIDTH LATIN CAPITAL LETTER O

P   U+FF30 (alt-065328) FULLWIDTH LATIN CAPITAL LETTER P

Q   U+FF31 (alt-065329) FULLWIDTH LATIN CAPITAL LETTER Q

R   U+FF32 (alt-065330) FULLWIDTH LATIN CAPITAL LETTER R

S   U+FF33 (alt-065331) FULLWIDTH LATIN CAPITAL LETTER S

T   U+FF34 (alt-065332) FULLWIDTH LATIN CAPITAL LETTER T

U   U+FF35 (alt-065333) FULLWIDTH LATIN CAPITAL LETTER U

V   U+FF36 (alt-065334) FULLWIDTH LATIN CAPITAL LETTER V

W   U+FF37 (alt-065335) FULLWIDTH LATIN CAPITAL LETTER W

X	U+FF38 (alt-065336)	FULLWIDTH LATIN CAPITAL LETTER X
Y	U+FF39 (alt-065337)	FULLWIDTH LATIN CAPITAL LETTER Y
Z	U+FF3A (alt-065338)	FULLWIDTH LATIN CAPITAL LETTER Z
[	U+FF3B (alt-065339)	FULLWIDTH LEFT SQUARE BRACKET
\	U+FF3C (alt-065340)	FULLWIDTH REVERSE SOLIDUS
]	U+FF3D (alt-065341)	FULLWIDTH RIGHT SQUARE BRACKET
^	U+FF3E (alt-065342)	FULLWIDTH CIRCUMFLEX ACCENT
＿	U+FF3F (alt-065343)	FULLWIDTH LOW LINE
`	U+FF40 (alt-065344)	FULLWIDTH GRAVE ACCENT
a	U+FF41 (alt-065345)	FULLWIDTH LATIN SMALL LETTER A
b	U+FF42 (alt-065346)	FULLWIDTH LATIN SMALL LETTER B
c	U+FF43 (alt-065347)	FULLWIDTH LATIN SMALL LETTER C
d	U+FF44 (alt-065348)	FULLWIDTH LATIN SMALL LETTER D
e	U+FF45 (alt-065349)	FULLWIDTH LATIN SMALL LETTER E
f	U+FF46 (alt-065350)	FULLWIDTH LATIN SMALL LETTER F
g	U+FF47 (alt-065351)	FULLWIDTH LATIN SMALL LETTER G
h	U+FF48 (alt-065352)	FULLWIDTH LATIN SMALL LETTER H
i	U+FF49 (alt-065353)	FULLWIDTH LATIN SMALL LETTER I
j	U+FF4A (alt-065354)	FULLWIDTH LATIN SMALL LETTER J
k	U+FF4B (alt-065355)	FULLWIDTH LATIN SMALL LETTER K
l	U+FF4C (alt-065356)	FULLWIDTH LATIN SMALL LETTER L
m	U+FF4D (alt-065357)	FULLWIDTH LATIN SMALL LETTER M
n	U+FF4E (alt-065358)	FULLWIDTH LATIN SMALL LETTER N
o	U+FF4F (alt-065359)	FULLWIDTH LATIN SMALL LETTER O
p	U+FF50 (alt-065360)	FULLWIDTH LATIN SMALL LETTER P
q	U+FF51 (alt-065361)	FULLWIDTH LATIN SMALL LETTER Q
r	U+FF52 (alt-065362)	FULLWIDTH LATIN SMALL LETTER R
s	U+FF53 (alt-065363)	FULLWIDTH LATIN SMALL LETTER S

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t　　U+FF54 (alt-065364) FULLWIDTH LATIN SMALL LETTER T

u　　U+FF55 (alt-065365) FULLWIDTH LATIN SMALL LETTER U

v　　U+FF56 (alt-065366) FULLWIDTH LATIN SMALL LETTER V

w　　U+FF57 (alt-065367) FULLWIDTH LATIN SMALL LETTER W

x　　U+FF58 (alt-065368) FULLWIDTH LATIN SMALL LETTER X

y　　U+FF59 (alt-065369) FULLWIDTH LATIN SMALL LETTER Y

z　　U+FF5A (alt-065370) FULLWIDTH LATIN SMALL LETTER Z

{　　U+FF5B (alt-065371) FULLWIDTH LEFT CURLY BRACKET

|　　U+FF5C (alt-065372) FULLWIDTH VERTICAL LINE

}　　U+FF5D (alt-065373) FULLWIDTH RIGHT CURLY BRACKET

~　　U+FF5E (alt-065374) FULLWIDTH TILDE

Fullwidth brackets

U+FF5F (alt-065375) FULLWIDTH LEFT WHITE PARENTHESIS

U+FF60 (alt-065376) FULLWIDTH RIGHT WHITE PARENTHESIS

Fullwidth symbol variants (See Latin-1 00A0 - 00FF)

¢　　U+FFE0 (alt-065504) FULLWIDTH CENT SIGN

£　　U+FFE1 (alt-065505) FULLWIDTH POUND SIGN

¬　　U+FFE2 (alt-065506) FULLWIDTH NOT SIGN

―　　U+FFE3 (alt-065507) FULLWIDTH MACRON

¦　　U+FFE4 (alt-065508) FULLWIDTH BROKEN BAR

¥　　U+FFE5 (alt-065509) FULLWIDTH YEN SIGN

₩　　U+FFE6 (alt-065510) FULLWIDTH WON SIGN

Replacement characters

U+FFFC (alt-065532) OBJECT REPLACEMENT CHARACTER

U+FFFD (alt-065533) REPLACEMENT CHARACTER

See also: [ASCII Table](#)