C1 Controls and Latin-1 Supplement

Range: 0080–00FF

This file contains an excerpt from the character code tables and list of character names for
The Unicode Standard, Version 13.0

This file may be changed at any time without notice to reflect errata or other updates to the Unicode Standard.
See http://www.unicode.org/errata/ for an up-to-date list of errata.

See http://www.unicode.org/charts/ for access to a complete list of the latest character code charts.
See http://www.unicode.org/charts/PDF/Unicode-13.0/ for charts showing only the characters added in Unicode 13.0.
See http://www.unicode.org/Public/13.0.0/charts/ for a complete archived file of character code charts for Unicode 13.0.

Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 13.0 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this file, please consult the appropriate sections of The Unicode Standard, Version 13.0, online at http://www.unicode.org/versions/Unicode13.0.0/, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, #44, #45, and #50, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

See http://www.unicode.org/ucd/ and http://www.unicode.org/reports/

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

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

Fonts

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

See http://www.unicode.org/charts/fonts.html for a list.

Terms of Use

	008	009	00A	00B	00C	00D	00E	00F
0	XXX 0080	DCS 0090	NB SP 00A0	° 00B0	À 00C0	Ð 00D0	à 00E0	ð 00F0
1	XXX 0081	PU1 0091	¡ 00A1	± 00B1	Á 00C1	Ñ 00D1	á 00E1	ñ 00F1
2	BPH 0082	PU2 0092	¢ 00A2	² 00B2	Â 00C2	Ò 00D2	â 00E2	ò 00F2
3	NBH 0083	STS 0093	£ 00A3	³ 00B3	Ã 00C3	Ó 00D3	ã 00E3	ó 00F3
4	IND 0084	CCH 0094	¤ 00A4	´ 00B4	Ä 00C4	Ô 00D4	ä 00E4	ô 00F4
5	NEL 0085	MW 0095	¥ 00A5	µ 00B5	Å 00C5	Õ 00D5	å 00E5	õ 00F5
6	SSA 0086	SPA 0096	¦ 00A6	¶ 00B6	Æ 00C6	Ö 00D6	æ 00E6	ö 00F6
7	ESA 0087	EPA 0097	§ 00A7	· 00B7	Ç 00C7	× 00D7	ç 00E7	÷ 00F7
8	HTS 0088	SOS 0098	¨ 00A8	¸ 00B8	È 00C8	Ø 00D8	è 00E8	ø 00F8
9	HTJ 0089	XXX 0099	© 00A9	¹ 00B9	É 00C9	Ù 00D9	é 00E9	ù 00F9
A	VTS 008A	SCI 009A	ª 00AA	º 00BA	Ê 00CA	Ú 00DA	ê 00EA	ú 00FA
B	PLD 008B	CSI 009B	« 00AB	» 00BB	Ë 00CB	Û 00DB	ë 00EB	û 00FB
C	PLU 008C	ST 009C	¬ 00AC	¼ 00BC	Ì 00CC	Ü 00DC	ì 00EC	ü 00FC
D	RI 008D	OSC 009D	SHY 00AD	½ 00BD	Í 00CD	Ý 00DD	í 00ED	ý 00FD
E	SS2 008E	PM 009E	® 00AE	¾ 00BE	Î 00CE	Þ 00DE	î 00EE	þ 00FE
F	SS3 008F	APC 009F	¯ 00AF	¿ 00BF	Ï 00CF	ß 00DF	ï 00EF	ÿ 00FF

C1 controls

Alias names are those for ISO/IEC 6429:1992.

0080　XXX　\<control>
0081　XXX　\<control>
0082　BPH　\<control>
　　　　　= BREAK PERMITTED HERE
　　　　　→ 200B ⏍ zero width space
0083　NBH　\<control>
　　　　　= NO BREAK HERE
　　　　　→ 2060 ⏍ word joiner
0084　IND　\<control>
　　　　　• formerly known as INDEX
0085　NEL　\<control>
　　　　　= NEXT LINE (NEL)
0086　SSA　\<control>
　　　　　= START OF SELECTED AREA
0087　ESA　\<control>
　　　　　= END OF SELECTED AREA
0088　HTS　\<control>
　　　　　= CHARACTER TABULATION SET
0089　HTJ　\<control>
　　　　　= CHARACTER TABULATION WITH
　　　　　　　JUSTIFICATION
008A　VTS　\<control>
　　　　　= LINE TABULATION SET
008B　PLD　\<control>
　　　　　= PARTIAL LINE FORWARD
008C　PLU　\<control>
　　　　　= PARTIAL LINE BACKWARD
008D　RI　\<control>
　　　　　= REVERSE LINE FEED
008E　SS2　\<control>
　　　　　= SINGLE SHIFT TWO
008F　SS3　\<control>
　　　　　= SINGLE SHIFT THREE
0090　DCS　\<control>
　　　　　= DEVICE CONTROL STRING
0091　PU1　\<control>
　　　　　= PRIVATE USE ONE
0092　PU2　\<control>
　　　　　= PRIVATE USE TWO
0093　STS　\<control>
　　　　　= SET TRANSMIT STATE
0094　CCH　\<control>
　　　　　= CANCEL CHARACTER
0095　MW　\<control>
　　　　　= MESSAGE WAITING
0096　SPA　\<control>
　　　　　= START OF GUARDED AREA
0097　EPA　\<control>
　　　　　= END OF GUARDED AREA
0098　SOS　\<control>
　　　　　= START OF STRING
0099　XXX　\<control>
009A　SCI　\<control>
　　　　　= SINGLE CHARACTER INTRODUCER
009B　CSI　\<control>
　　　　　= CONTROL SEQUENCE INTRODUCER
009C　ST　\<control>
　　　　　= STRING TERMINATOR
009D　OSC　\<control>
　　　　　= OPERATING SYSTEM COMMAND
009E　PM　\<control>
　　　　　= PRIVACY MESSAGE

009F　APC　\<control>
　　　　　= APPLICATION PROGRAM COMMAND

Latin-1 punctuation and symbols

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

00A0　NBSP　NO-BREAK SPACE
　　　　　• commonly abbreviated as NBSP
　　　　　→ 0020 SP space
　　　　　→ 2007 FSP figure space
　　　　　→ 202F NNBSP narrow no-break space
　　　　　→ 2060 WJ word joiner
　　　　　→ FEFF ZWNBSP zero width no-break space
　　　　　≈ \<noBreak> 0020 SP
00A1　¡　INVERTED EXCLAMATION MARK
　　　　　• Spanish, Asturian, Galician
　　　　　→ 0021 ! exclamation mark
00A2　¢　CENT SIGN
00A3　£　POUND SIGN
　　　　　= pound sterling, Irish punt, Italian lira, Turkish
　　　　　　　lira, etc.
　　　　　→ 20A4 ₤ lira sign
　　　　　→ 20BA ₺ turkish lira sign
　　　　　→ 10192 ℒ roman semuncia sign
00A4　¤　CURRENCY SIGN
　　　　　• other currency symbol characters:
　　　　　　20A0 ₠ −20BF ₿
　　　　　→ 0024 $ dollar sign
00A5　¥　YEN SIGN
　　　　　= yuan sign
　　　　　• glyph may have one or two crossbars, but the
　　　　　　official symbol in Japan and China has two
　　　　　→ 5143 元
　　　　　→ 5186 円
00A6　¦　BROKEN BAR
　　　　　= broken vertical bar (1.0)
　　　　　= parted rule (in typography)
00A7　§　SECTION SIGN
　　　　　• paragraph sign in some European usage
00A8　¨　DIAERESIS
　　　　　• this is a spacing character
　　　　　→ 0308 ̈ combining diaeresis
　　　　　≈ 0020 SP 0308 ̈
00A9　©　COPYRIGHT SIGN
　　　　　→ 2117 ℗ sound recording copyright
　　　　　→ 24B8 Ⓒ circled latin capital letter c
　　　　　→ 1F12F 🄯 copyleft symbol
　　　　　→ 1F1AD Ⓜ mask work symbol
00AA　ª　FEMININE ORDINAL INDICATOR
　　　　　• Spanish
　　　　　≈ \<super> 0061 a
00AB　«　LEFT-POINTING DOUBLE ANGLE QUOTATION
　　　　　MARK
　　　　　= left guillemet
　　　　　= chevrons (in typography)
　　　　　• usually opening, sometimes closing
　　　　　→ 226A ≪ much less-than
　　　　　→ 300A 《 left double angle bracket
00AC　¬　NOT SIGN
　　　　　= angled dash (in typography)
　　　　　→ 2310 ⌐ reversed not sign
00AD　SHY　SOFT HYPHEN
　　　　　= discretionary hyphen
　　　　　• commonly abbreviated as SHY

00AE   ®   REGISTERED SIGN
= registered trade mark sign (1.0)
→ 24C7 Ⓡ circled latin capital letter r

00AF   ‾   MACRON
= overline, APL overbar
• this is a spacing character
→ 02C9 ˉ modifier letter macron
→ 0304 ◌̄ combining macron
→ 0305 ◌̅ combining overline
≈ 0020 SP 0304 ◌̄

00B0   °   DEGREE SIGN
• this is a spacing character
→ 02DA ˚ ring above
→ 030A ◌̊ combining ring above
→ 2070 ⁰ superscript zero
→ 2218 ∘ ring operator

00B1   ±   PLUS-MINUS SIGN
→ 2213 ∓ minus-or-plus sign

00B2   ²   SUPERSCRIPT TWO
= squared
• other superscript digit characters:
2070 ⁰ —2079 ⁹
→ 00B9 ¹ superscript one
≈ <super> 0032 2

00B3   ³   SUPERSCRIPT THREE
= cubed
→ 00B9 ¹ superscript one
≈ <super> 0033 3

00B4   ´   ACUTE ACCENT
• this is a spacing character
→ 02B9 ʹ modifier letter prime
→ 02CA ˊ modifier letter acute accent
→ 0301 ◌́ combining acute accent
→ 2032 ′ prime
≈ 0020 SP 0301 ◌́

00B5   µ   MICRO SIGN
≈ 03BC μ greek small letter mu

00B6   ¶   PILCROW SIGN
= paragraph sign
• section sign in some European usage
→ 204B ⁋ reversed pilcrow sign
→ 2761 ❡ curved stem paragraph sign ornament
→ 2E3F ⸿ capitulum

00B7   ·   MIDDLE DOT
= midpoint (in typography)
= Georgian comma
= Greek middle dot (ano teleia)
• also used as a raised decimal point or to denote multiplication; for multiplication 22C5 ⋅ is preferred
→ 0387 · greek ano teleia
→ 16EB ᛫ runic single punctuation
→ 2022 • bullet
→ 2024 ․ one dot leader
→ 2027 ‧ hyphenation point
→ 2219 ∙ bullet operator
→ 22C5 ⋅ dot operator
→ 2E31 ⸱ word separator middle dot
→ 2E33 ⸳ raised dot
→ 30FB ・ katakana middle dot
→ A78F ꞏ latin letter sinological dot

00B8   ¸   CEDILLA
• this is a spacing character
• other spacing accent characters:
02D8 ˘ —02DB ˛
→ 0327 ◌̧ combining cedilla
≈ 0020 SP 0327 ◌̧

00B9   ¹   SUPERSCRIPT ONE
→ 00B2 ² superscript two
→ 00B3 ³ superscript three
≈ <super> 0031 1

00BA   º   MASCULINE ORDINAL INDICATOR
• Spanish
≈ <super> 006F o

00BB   »   RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK
= right guillemet
• usually closing, sometimes opening
→ 226B ≫ much greater-than
→ 300B 》 right double angle bracket

Vulgar fractions

The fraction bar for these may be rendered horizontally or at a slant. For other fraction characters, see 2150-215E.

00BC   ¼   VULGAR FRACTION ONE QUARTER
≈ <fraction> 0031 1 2044 ⁄ 0034 4

00BD   ½   VULGAR FRACTION ONE HALF
≈ <fraction> 0031 1 2044 ⁄ 0032 2

00BE   ¾   VULGAR FRACTION THREE QUARTERS
≈ <fraction> 0033 3 2044 ⁄ 0034 4

Punctuation

00BF   ¿   INVERTED QUESTION MARK
= turned question mark
• Spanish
→ 003F ? question mark
→ 2E2E ⸮ reversed question mark

Letters

00C0   À   LATIN CAPITAL LETTER A WITH GRAVE
≡ 0041 A 0300 ◌̀

00C1   Á   LATIN CAPITAL LETTER A WITH ACUTE
≡ 0041 A 0301 ◌́

00C2   Â   LATIN CAPITAL LETTER A WITH CIRCUMFLEX
≡ 0041 A 0302 ◌̂

00C3   Ã   LATIN CAPITAL LETTER A WITH TILDE
≡ 0041 A 0303 ◌̃

00C4   Ä   LATIN CAPITAL LETTER A WITH DIAERESIS
≡ 0041 A 0308 ◌̈

00C5   Å   LATIN CAPITAL LETTER A WITH RING ABOVE
→ 212B Å angstrom sign
≡ 0041 A 030A ◌̊

00C6   Æ   LATIN CAPITAL LETTER AE
= latin capital ligature ae (1.1)

00C7   Ç   LATIN CAPITAL LETTER C WITH CEDILLA
≡ 0043 C 0327 ◌̧

00C8   È   LATIN CAPITAL LETTER E WITH GRAVE
≡ 0045 E 0300 ◌̀

00C9   É   LATIN CAPITAL LETTER E WITH ACUTE
≡ 0045 E 0301 ◌́

00CA   Ê   LATIN CAPITAL LETTER E WITH CIRCUMFLEX
≡ 0045 E 0302 ◌̂

00CB   Ë   LATIN CAPITAL LETTER E WITH DIAERESIS
≡ 0045 E 0308 ◌̈

00CC Ì LATIN CAPITAL LETTER I WITH GRAVE
          ≡ 0049 I 0300 ◌̀
00CD Í LATIN CAPITAL LETTER I WITH ACUTE
          ≡ 0049 I 0301 ◌́
00CE Î LATIN CAPITAL LETTER I WITH CIRCUMFLEX
          ≡ 0049 I 0302 ◌̂
00CF Ï LATIN CAPITAL LETTER I WITH DIAERESIS
          ≡ 0049 I 0308 ◌̈
00D0 Ð LATIN CAPITAL LETTER ETH
          • lowercase is 00F0 ð
          → 0110 Đ latin capital letter d with stroke
          → 0189 Ɖ latin capital letter african d
00D1 Ñ LATIN CAPITAL LETTER N WITH TILDE
          ≡ 004E N 0303 ◌̃
00D2 Ò LATIN CAPITAL LETTER O WITH GRAVE
          ≡ 004F O 0300 ◌̀
00D3 Ó LATIN CAPITAL LETTER O WITH ACUTE
          ≡ 004F O 0301 ◌́
00D4 Ô LATIN CAPITAL LETTER O WITH CIRCUMFLEX
          ≡ 004F O 0302 ◌̂
00D5 Õ LATIN CAPITAL LETTER O WITH TILDE
          ≡ 004F O 0303 ◌̃
00D6 Ö LATIN CAPITAL LETTER O WITH DIAERESIS
          ≡ 004F O 0308 ◌̈

Mathematical operator

00D7 × MULTIPLICATION SIGN
          = z notation Cartesian product
          → 2715 ✕ multiplication x
          → 274C ✖ cross mark
          → 2A2F ⨯ vector or cross product

Letters

00D8 Ø LATIN CAPITAL LETTER O WITH STROKE
          = o slash
          → 2205 ∅ empty set
00D9 Ù LATIN CAPITAL LETTER U WITH GRAVE
          ≡ 0055 U 0300 ◌̀
00DA Ú LATIN CAPITAL LETTER U WITH ACUTE
          ≡ 0055 U 0301 ◌́
00DB Û LATIN CAPITAL LETTER U WITH CIRCUMFLEX
          ≡ 0055 U 0302 ◌̂
00DC Ü LATIN CAPITAL LETTER U WITH DIAERESIS
          ≡ 0055 U 0308 ◌̈
00DD Ý LATIN CAPITAL LETTER Y WITH ACUTE
          ≡ 0059 Y 0301 ◌́
00DE Þ LATIN CAPITAL LETTER THORN
00DF ß LATIN SMALL LETTER SHARP S
          = Eszett
          • German
          • not used in Swiss High German
          • uppercase is "SS" or 1E9E ẞ
          • typographically the glyph for this character can
            be based on a ligature of 017F ſ with either
            0073 s or with an old-style glyph for 007A z
            (the latter similar in appearance to 0292 ʒ).
            Both forms exist interchangeably today.
          → 03B2 β greek small letter beta
00E0 à LATIN SMALL LETTER A WITH GRAVE
          ≡ 0061 a 0300 ◌̀
00E1 á LATIN SMALL LETTER A WITH ACUTE
          ≡ 0061 a 0301 ◌́
00E2 â LATIN SMALL LETTER A WITH CIRCUMFLEX
          ≡ 0061 a 0302 ◌̂

00E3 ã LATIN SMALL LETTER A WITH TILDE
          • Portuguese
          ≡ 0061 a 0303 ◌̃
00E4 ä LATIN SMALL LETTER A WITH DIAERESIS
          ≡ 0061 a 0308 ◌̈
00E5 å LATIN SMALL LETTER A WITH RING ABOVE
          • Danish, Norwegian, Swedish, Walloon
          ≡ 0061 a 030A ◌̊
00E6 æ LATIN SMALL LETTER AE
          = latin small ligature ae (1.1)
          = ash (from Old English æsc)
          • Danish, Norwegian, Icelandic, Faroese, Old
            English, French, IPA
          → 0153 œ latin small ligature oe
          → 04D5 ӕ cyrillic small ligature a ie
00E7 ç LATIN SMALL LETTER C WITH CEDILLA
          ≡ 0063 c 0327 ◌̧
00E8 è LATIN SMALL LETTER E WITH GRAVE
          ≡ 0065 e 0300 ◌̀
00E9 é LATIN SMALL LETTER E WITH ACUTE
          ≡ 0065 e 0301 ◌́
00EA ê LATIN SMALL LETTER E WITH CIRCUMFLEX
          ≡ 0065 e 0302 ◌̂
00EB ë LATIN SMALL LETTER E WITH DIAERESIS
          ≡ 0065 e 0308 ◌̈
00EC ì LATIN SMALL LETTER I WITH GRAVE
          • Italian, Malagasy
          ≡ 0069 i 0300 ◌̀
00ED í LATIN SMALL LETTER I WITH ACUTE
          ≡ 0069 i 0301 ◌́
00EE î LATIN SMALL LETTER I WITH CIRCUMFLEX
          ≡ 0069 i 0302 ◌̂
00EF ï LATIN SMALL LETTER I WITH DIAERESIS
          ≡ 0069 i 0308 ◌̈
00F0 ð LATIN SMALL LETTER ETH
          • Icelandic, Faroese, Old English, IPA
          • uppercase is 00D0 Ð
          → 03B4 δ greek small letter delta
          → 2202 ∂ partial differential
00F1 ñ LATIN SMALL LETTER N WITH TILDE
          ≡ 006E n 0303 ◌̃
00F2 ò LATIN SMALL LETTER O WITH GRAVE
          ≡ 006F o 0300 ◌̀
00F3 ó LATIN SMALL LETTER O WITH ACUTE
          ≡ 006F o 0301 ◌́
00F4 ô LATIN SMALL LETTER O WITH CIRCUMFLEX
          ≡ 006F o 0302 ◌̂
00F5 õ LATIN SMALL LETTER O WITH TILDE
          • Portuguese, Estonian, Livonian
          ≡ 006F o 0303 ◌̃
00F6 ö LATIN SMALL LETTER O WITH DIAERESIS
          ≡ 006F o 0308 ◌̈

Mathematical operator

00F7   ÷   DIVISION SIGN
= obelus
- occasionally used as an alternate, more visually distinct version of 2212 − or 2011 [NB] in some contexts
- historically used as a punctuation mark to denote questionable passages in manuscripts
→ 070B ¯ syriac harklean obelus
→ 2052 ⁒ commercial minus sign
→ 2212 − minus sign
→ 2215 ∕ division slash
→ 2223 ∣ divides
→ 2236 ∶ ratio
→ 2797 ➗ heavy division sign

Letters

00F8   ø   LATIN SMALL LETTER O WITH STROKE
= o slash
- Danish, Norwegian, Faroese, IPA
→ 2300 ⌀ diameter sign

00F9   ù   LATIN SMALL LETTER U WITH GRAVE
- French, Italian
≡ 0075 **u** 0300 ◌̀

00FA   ú   LATIN SMALL LETTER U WITH ACUTE
≡ 0075 **u** 0301 ◌́

00FB   û   LATIN SMALL LETTER U WITH CIRCUMFLEX
≡ 0075 **u** 0302 ◌̂

00FC   ü   LATIN SMALL LETTER U WITH DIAERESIS
≡ 0075 **u** 0308 ◌̈

00FD   ý   LATIN SMALL LETTER Y WITH ACUTE
- Czech, Slovak, Icelandic, Faroese, Welsh, Malagasy
≡ 0079 **y** 0301 ◌́

00FE   þ   LATIN SMALL LETTER THORN
- Icelandic, Old English, phonetics
- Runic letter borrowed into Latin script
→ 16A6 ᚦ runic letter thurisaz thurs thorn

00FF   ÿ   LATIN SMALL LETTER Y WITH DIAERESIS
- French, medieval Hungarian orthography
- uppercase is 0178 Ÿ
≡ 0079 **y** 0308 ◌̈