

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 6.3

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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-6.3/> for charts showing only the characters added in Unicode 6.3.
See <http://www.unicode.org/Public/6.3.0/charts/> for a complete archived file of character code charts for Unicode 6.3.

Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 6.3 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 6.3, online at <http://www.unicode.org/versions/Unicode6.3.0/>, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, #44, and #45, 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.

Fonts

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

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

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| | 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 ZW zero width space |
| 0083 | NBH | <control> = NO BREAK HERE → 2060 WJ 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 | NB SP | NO-BREAK SPACE • commonly abbreviated as NBSP → 0020 SP space → 2007 F SP figure space → 202F NBS SP narrow no-break space → 2060 WJ word joiner → FEFF ZWN BSP 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 ₧ roman semuncia sign |
| 00A4 | ¤ | CURRENCY SIGN • other currency symbol characters: 20A0 ₠—20BA ₧ → 0024 \$ dollar sign |
| 00A5 | ¥ | YEN SIGN = yuan sign • glyph may have one or two crossbars |
| 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 ö combining diaeresis ≈ 0020 SP 0308 ö |
| 00A9 | © | COPYRIGHT SIGN → 2117 ® sound recording copyright → 24B8 © circled latin capital letter c |
| 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 ¯ 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 ° superscript zero → 2218 ° ring operator |
| 00B1 | ± | PLUS-MINUS SIGN → 2213 ∓ minus-or-plus sign |
| 00B2 | ² | SUPERSCRIP TWO = squared • other superscript digit characters: 2070 ⁰ –2079 ⁹ → 00B9 ¹ superscript one ≈ <super> 0032 2 |
| 00B3 | ³ | SUPERSCRIP THREE = cubed → 00B9 ¹ superscript one ≈ <super> 0033 3 |
| 00B4 | ´ | ACUTE ACCENT • this is a spacing character → 02B9 ´ modifier letter prime → 02CA ´ 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 |
| 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 |
| 00B8 | ¸ | CEDILLA • this is a spacing character • other spacing accent characters: 02D8 ¸ –02DB ¸ → 0327 ¸ combining cedilla ≈ 0020 [sp] 0327 ¸ |

| | | |
|------|---|---|
| 00B9 | ¹ | SUPERSCRIP 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 |
| 00BC | ¼ | VULGAR FRACTION ONE QUARTER • bar may be horizontal or slanted • other fraction characters: 2153 ⅓ –215E ⅔ ≈ <fraction> 0031 1 2044/ 0034 4 |
| 00BD | ½ | VULGAR FRACTION ONE HALF • bar may be horizontal or slanted ≈ <fraction> 0031 1 2044/ 0032 2 |
| 00BE | ¾ | VULGAR FRACTION THREE QUARTERS • bar may be horizontal or slanted ≈ <fraction> 0033 3 2044/ 0034 4 |
| 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 ò |
| 00C1 | Á | LATIN CAPITAL LETTER A WITH ACUTE ≡ 0041 A 0301 ó |
| 00C2 | Â | LATIN CAPITAL LETTER A WITH CIRCUMFLEX ≡ 0041 A 0302 ô |
| 00C3 | Ã | LATIN CAPITAL LETTER A WITH TILDE ≡ 0041 A 0303 õ |
| 00C4 | Ä | LATIN CAPITAL LETTER A WITH DIAERESIS ≡ 0041 A 0308 ö |
| 00C5 | Å | LATIN CAPITAL LETTER A WITH RING ABOVE → 212B Å angstrom sign ≡ 0041 A 030A ø |
| 00C6 | Æ | LATIN CAPITAL LETTER AE = latin capital ligature ae (1.0) |
| 00C7 | Ç | LATIN CAPITAL LETTER C WITH CEDILLA ≡ 0043 C 0327 ç |
| 00C8 | È | LATIN CAPITAL LETTER E WITH GRAVE ≡ 0045 E 0300 è |
| 00C9 | É | LATIN CAPITAL LETTER E WITH ACUTE ≡ 0045 E 0301 é |
| 00CA | Ê | LATIN CAPITAL LETTER E WITH CIRCUMFLEX ≡ 0045 E 0302 ê |
| 00CB | Ë | LATIN CAPITAL LETTER E WITH DIAERESIS ≡ 0045 E 0308 ë |
| 00CC | Ì | LATIN CAPITAL LETTER I WITH GRAVE ≡ 0049 I 0300 ì |
| 00CD | Í | LATIN CAPITAL LETTER I WITH ACUTE ≡ 0049 I 0301 í |
| 00CE | Î | LATIN CAPITAL LETTER I WITH CIRCUMFLEX ≡ 0049 I 0302 î |
| 00CF | Ï | LATIN CAPITAL LETTER I WITH DIAERESIS ≡ 0049 I 0308 ï |

| | | |
|------|---|---|
| 00D0 | Ð | LATIN CAPITAL LETTER ETH → 00F0 ð latin small letter eth → 0110 Ð latin capital letter d with stroke → 0189 Ð latin capital letter african d |
| 00D1 | Ñ | LATIN CAPITAL LETTER N WITH TILDE ≡ 004E Ñ 0303 ñ |
| 00D2 | Ò | LATIN CAPITAL LETTER O WITH GRAVE ≡ 004F O 0300 ò |
| 00D3 | Ó | LATIN CAPITAL LETTER O WITH ACUTE ≡ 004F O 0301 ó |
| 00D4 | Ô | LATIN CAPITAL LETTER O WITH CIRCUMFLEX ≡ 004F O 0302 ô |
| 00D5 | Õ | LATIN CAPITAL LETTER O WITH TILDE ≡ 004F O 0303 õ |
| 00D6 | Ö | LATIN CAPITAL LETTER O WITH DIAERESIS ≡ 004F O 0308 ö |

Mathematical operator


| | | |
|------|---|--|
| 00D7 | × | MULTIPLICATION SIGN = z notation Cartesian product → 274C ✕ cross mark |
|------|---|--|

Letters

| | | |
|------|---|--|
| 00D8 | Ø | LATIN CAPITAL LETTER O WITH STROKE = o slash → 2205 Ø empty set |
| 00D9 | Ù | LATIN CAPITAL LETTER U WITH GRAVE ≡ 0055 U 0300 ù |
| 00DA | Ú | LATIN CAPITAL LETTER U WITH ACUTE ≡ 0055 U 0301 ú |
| 00DB | Û | LATIN CAPITAL LETTER U WITH CIRCUMFLEX ≡ 0055 U 0302 û |
| 00DC | Ü | LATIN CAPITAL LETTER U WITH DIAERESIS ≡ 0055 U 0308 ü |
| 00DD | Ý | LATIN CAPITAL LETTER Y WITH ACUTE ≡ 0059 Y 0301 ý |
| 00DE | Þ | LATIN CAPITAL LETTER THORN |
| 00DF | ß | LATIN SMALL LETTER SHARP S = Eszett • German • uppercase is "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 → 1E9E Š latin capital letter sharp s |
| 00E0 | à | LATIN SMALL LETTER A WITH GRAVE ≡ 0061 a 0300 à |
| 00E1 | á | LATIN SMALL LETTER A WITH ACUTE ≡ 0061 a 0301 á |
| 00E2 | â | LATIN SMALL LETTER A WITH CIRCUMFLEX ≡ 0061 a 0302 â |
| 00E3 | ã | LATIN SMALL LETTER A WITH TILDE • Portuguese ≡ 0061 a 0303 ã |
| 00E4 | ä | LATIN SMALL LETTER A WITH DIAERESIS ≡ 0061 a 0308 ä |
| 00E5 | å | LATIN SMALL LETTER A WITH RING ABOVE • Danish, Norwegian, Swedish, Walloon ≡ 0061 a 030A å |

| | | |
|------|---|--|
| 00E6 | æ | LATIN SMALL LETTER AE = latin small ligature ae (1.0) = ash (from Old English æsc) • Danish, Norwegian, Icelandic, Faroese, Old English, French, IPA → 0153 œ latin small ligature oe → 04D5 æ cyrillic small ligature a ie |
| 00E7 | ç | LATIN SMALL LETTER C WITH CEDILLA ≡ 0063 c 0327 ç |
| 00E8 | è | LATIN SMALL LETTER E WITH GRAVE ≡ 0065 e 0300 è |
| 00E9 | é | LATIN SMALL LETTER E WITH ACUTE ≡ 0065 e 0301 é |
| 00EA | ê | LATIN SMALL LETTER E WITH CIRCUMFLEX ≡ 0065 e 0302 ê |
| 00EB | ë | LATIN SMALL LETTER E WITH DIAERESIS ≡ 0065 e 0308 ë |
| 00EC | ì | LATIN SMALL LETTER I WITH GRAVE • Italian, Malagasy ≡ 0069 i 0300 ì |
| 00ED | í | LATIN SMALL LETTER I WITH ACUTE ≡ 0069 i 0301 í |
| 00EE | î | LATIN SMALL LETTER I WITH CIRCUMFLEX ≡ 0069 i 0302 î |
| 00EF | ï | LATIN SMALL LETTER I WITH DIAERESIS ≡ 0069 i 0308 ï |
| 00F0 | ð | LATIN SMALL LETTER ETH • Icelandic, Faroese, Old English, IPA → 00D0 Ð latin capital letter eth → 03B4 δ greek small letter delta → 2202 ∂ partial differential |
| 00F1 | ñ | LATIN SMALL LETTER N WITH TILDE ≡ 006E n 0303 ñ |
| 00F2 | ò | LATIN SMALL LETTER O WITH GRAVE ≡ 006F o 0300 ò |
| 00F3 | ó | LATIN SMALL LETTER O WITH ACUTE ≡ 006F o 0301 ó |
| 00F4 | ô | LATIN SMALL LETTER O WITH CIRCUMFLEX ≡ 006F o 0302 ô |
| 00F5 | õ | LATIN SMALL LETTER O WITH TILDE • Portuguese, Estonian ≡ 006F o 0303 õ |
| 00F6 | ö | LATIN SMALL LETTER O WITH DIAERESIS ≡ 006F o 0308 ö |

Mathematical operator

| | | |
|------|---|--|
| 00F7 | ÷ | DIVISION SIGN = obelus • occasionally used as an alternate, more visually distinct version of 2212 — or 2011  in some contexts • historically used as a punctuation mark to denote questionable passages in manuscripts → 070B ܐܝܪ 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 |
| 00F9 | ù | LATIN SMALL LETTER U WITH GRAVE • French, Italian ≡ 0075 u 0300 ò |
| 00FA | ú | LATIN SMALL LETTER U WITH ACUTE ≡ 0075 u 0301 ó |
| 00FB | û | LATIN SMALL LETTER U WITH CIRCUMFLEX ≡ 0075 u 0302 ô |
| 00FC | ü | LATIN SMALL LETTER U WITH DIAERESIS ≡ 0075 u 0308 ö |
| 00FD | ý | LATIN SMALL LETTER Y WITH ACUTE • Czech, Slovak, Icelandic, Faroese, Welsh, Malagasy ≡ 0079 y 0301 ó |
| 00FE | þ | LATIN SMALL LETTER THORN • Icelandic, Old English, phonetics • Runic letter borrowed into Latin script → 16A6 Þ runic letter thurisaz thurs thorn |
| 00FF | ÿ | LATIN SMALL LETTER Y WITH DIAERESIS • French, medieval Hungarian orthography → 0178 Ÿ latin capital letter y with diaeresis ≡ 0079 y 0308 ö |