C1 Controls and Latin-1 Supplement

Range: 0080–00FF

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ISO/IEC DIS 10646:2026(en) - 7th Edition Draft

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	008	009	00A	00B	00C	00D	00E	00F
0	XXX 0080	DCS 0090	NB SP 00A0	° 00B0	À 00C0	Đ 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

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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 SP 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
• should be the same width as the space 0020 SP
→ 0020 SP space
→ 2007 F SP figure space
→ 202F NNB SP narrow no-break space
→ 2060 WJ word joiner
→ 237D ⍽ shouldered open box
→ FEFF ZWN BSP zero width no-break space
≈ <noBreak> 0020 SP
00A1 ¡ INVERTED EXCLAMATION MARK
• Spanish, Asturian, Galician
• used in extended IPA to represent sublaminal lower alveolar percussive
→ 0021 ! exclamation mark
→ A71E ꜞ modifier letter raised inverted exclamation mark
00A2 ¢ CENT SIGN
→ 023C ȼ latin small letter c with stroke
→ 20A5 ₥ mill sign
→ 20B5 ₵ cedi sign
→ 1D135 𝅇 musical symbol cut time
00A3 £ POUND SIGN
= pound sterling, Irish punt, lira, etc.
• not to be confused with the unit of weight
• glyph may have one or two crossbars, in distinction from 20A4 ₤
→ 20A4 ₤ lira sign
→ 20BA ₺ turkish lira sign
→ 10192 𐆒 roman semuncia sign
00A4 ¤ CURRENCY SIGN
• generic or unknown currency
• other currency symbol characters start at 20A0 ₠
→ 0024 $ dollar sign
00A5 ¥ YEN SIGN
= yuan sign (renminbi)
• glyph may have one or two crossbars, but the official symbol in Japan and China has two
• in native context, specific ideographs may be used for units of these currencies
→ 024E Ɏ latin capital letter y with stroke
→ 04B0 Ү cyrillic capital letter straight u with stroke
→ 5143 元
→ 5186 円
00A6 ¦ BROKEN BAR
= broken vertical bar (1.0)
= parted rule (in typography)
→ 007C | vertical line
00A7 § SECTION SIGN
• used in referencing numbered sections or paragraphs
→ 2E39 ⸹ top half section sign
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
→ 1D43 ᵃ modifier letter small a
≈ <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
→ 2319 ⌙ turned not sign

00AD [SHY] SOFT HYPHEN
= discretionary hyphen
• commonly abbreviated as SHY
• an invisible format character indicating a possible hyphenation location

00AE ® REGISTERED SIGN
= registered trade mark sign (1.0)
→ 2122 ™ trade mark sign
→ 24C7 Ⓡ circled latin capital letter r
→ 1F16B 🅬 raised md sign
→ 1F16C 🅭 raised mr sign

00AF ¯ MACRON
= overline, APL overbar
• this is a spacing character
• unlike 203E ‾, adjacent instances of this character do not join
→ 02C9 ˉ modifier letter macron
→ 0304 ◌̄ combining macron
→ 0305 ◌̅ combining overline
→ 203E ‾ overline
→ FE26 ◌͠ combining conjoining macron
≈ 0020 [SP] 0304 ◌̄

00B0 ° DEGREE SIGN
• this is a spacing character
→ 02DA ˚ ring above
→ 030A ◌̊ combining ring above
→ 2070 ⁰ superscript zero
→ 2103 ℃ degree celsius
→ 2109 ℉ degree fahrenheit
→ 2218 ∘ ring operator

00B1 ± PLUS-MINUS SIGN
= biquintile (astrological aspect: 144°)
→ 2213 ∓ minus-or-plus sign
→ 22C7 ⋇ division times

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
→ 0060 ` grave accent
→ 02B9 ʹ modifier letter prime
→ 02CA ˊ modifier letter acute accent
→ 02DD ˝ double acute accent
→ 0301 ◌́ combining acute accent
→ 0384 ΄ greek tonos
→ 1FFD ´ greek oxia
→ 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
• used as a vowel length mark (part of words) in many Amerindian orthographies
→ 002E . full stop
→ 02D9 ˙ dot above
→ 0387 · greek ano teleia
→ 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
→ 2070 ⁰ superscript zero
≈ <super> 0031 1

00BA º MASCULINE ORDINAL INDICATOR
• Spanish
→ 1D52 ᵒ modifier letter small o
→ 2070 ⁰ superscript zero
→ 2116 № numero sign
≈ <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
→ 2E18 ⸘ inverted interrobang
→ 2E2E ⸮ reversed question mark

Uppercase 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)
→ 04D4 Ӕ cyrillic capital ligature a ie

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
→ A7C7 Ꝺ latin capital letter d with short stroke overlay

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
→ 0078 x latin small letter x
→ 2613 ☓ saltire
→ 2715 ✕ multiplication x
→ 2718 ✘ heavy ballot x
→ 274C ❌ cross mark
→ 2A2F ⨯ vector or cross product
→ 1F5D9 🗙 cancellation x
→ 1F7A9 🞩 light saltire

Uppercase letters

00D8 Ø LATIN CAPITAL LETTER O WITH STROKE
= o slash
→ 019F Ɵ latin capital letter o with middle tilde
→ 2205 ∅ empty set
→ A74A Ꝋ latin capital letter o with long stroke overlay

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

Lowercase letters

00DF ß LATIN SMALL LETTER SHARP S
= Eszett
• German
• not used in Swiss High German
• uppercase is "SS" (standard case mapping), alternatively 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.
→ 017F ſ latin small letter long s
→ 0292 ʒ latin small letter ezh
→ 03B2 β greek small letter beta
→ 1E9E ẞ latin capital letter sharp s
→ A7B5 ꞵ latin small letter beta
→ A7D7 ꟗ latin small letter middle scots s

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
→ 1D02 ᴂ latin small letter turned ae
→ AB31 ꬱ latin small letter a reversed-schwa
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
→ 0111 đ latin small letter d with stroke
→ 03B4 δ greek small letter delta
→ 1E9F ẟ latin small letter delta
→ 2202 ∂ partial differential
→ A77A ꝺ latin small letter insular d
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 shape for a hyphen in some contexts
• historically used as a punctuation mark to denote questionable passages in manuscripts
→ 070B ⸗ syriac harklean obelus
→ 2052 ⁒ commercial minus sign
→ 2215 ∕ division slash
→ 2223 ∣ divides
→ 2236 ∶ ratio
→ 2797 ➗ heavy division sign
→ 27CC ⟌ long division
→ 2E13 ⸓ dotted obelos

Lowercase letters

00F8 ø LATIN SMALL LETTER O WITH STROKE
= o slash
• Danish, Norwegian, Faroese, IPA
→ 0275 ɵ latin small letter barred o
→ 2300 ⌀ diameter sign
→ A74B ꝋ latin small letter o with long stroke overlay
→ A7C1 ꝁ latin small letter old polish o
→ AB3E ꬾ latin small letter blackletter o with stroke
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
• replaced by "th" in modern English
→ 03F8 ϸ greek small letter sho
→ 16A6 ᚦ runic letter thurisaz thurs thorn
→ A7D3 ꟈ latin small letter double thorn
00FF ÿ LATIN SMALL LETTER Y WITH DIAERESIS
• French, medieval Hungarian orthography
• uppercase is 0178 Ÿ
≡ 0079 y 0308 ◌̈