

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 3.0*.

Disclaimer

The shapes of the reference glyphs used in these code charts are not prescriptive. Considerable variation is to be expected in actual fonts.

For a complete understanding of the use of the characters contained in this excerpt file, please consult the appropriate sections of *The Unicode Standard, Version 3.0* (ISBN 0-201-61633-5), as well as the Unicode Technical Reports and the Unicode Character Database, which are available online.

See <http://www.unicode.org/Public/UNIDATA/UnicodeCharacterDatabase.html> and <http://www.unicode.org/unicode/reports>

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

Fonts

The fonts used in these charts were provided to the Unicode Consortium by a number of different font designers

See <http://www.unicode.org/unicode/uni2book/u2fonts.html> for a list.

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These charts are provided as a convenient online reference to the character contents of the Unicode Standard, Version 3.0. Proper Unicode support requires considerably more than just providing glyphs for characters, and requires consulting the Unicode Standard and the Unicode Technical Reports.

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See <http://www.unicode.org/pending/pending.html> and <http://www.unicode.org/unicode/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	XXX 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 6429.

0080		<control>	
0081		<control>	
0082		<control>	= BREAK PERMITTED HERE
0083		<control>	= NO BREAK HERE
0084		<control>	
0085		<control>	= NEXT LINE
0086		<control>	= START OF SELECTED AREA
0087		<control>	= END OF SELECTED AREA
0088		<control>	= CHARACTER TABULATION SET
0089		<control>	= CHARACTER TABULATION WITH JUSTIFICATION
008A		<control>	= LINE TABULATION SET
008B		<control>	= PARTIAL LINE DOWN
008C		<control>	= PARTIAL LINE UP
008D		<control>	= REVERSE LINE FEED
008E		<control>	= SINGLE SHIFT TWO
008F		<control>	= SINGLE SHIFT THREE
0090		<control>	= DEVICE CONTROL STRING
0091		<control>	= PRIVATE USE ONE
0092		<control>	= PRIVATE USE TWO
0093		<control>	= SET TRANSMIT STATE
0094		<control>	= CANCEL CHARACTER
0095		<control>	= MESSAGE WAITING
0096		<control>	= START OF GUARDED AREA
0097		<control>	= END OF GUARDED AREA
0098		<control>	= START OF STRING
0099		<control>	
009A		<control>	= SINGLE CHARACTER INTRODUCER
009B		<control>	= CONTROL SEQUENCE INTRODUCER
009C		<control>	= STRING TERMINATOR

009D		<control>	= OPERATING SYSTEM COMMAND
009E		<control>	= PRIVACY MESSAGE
009F		<control>	= APPLICATION PROGRAM COMMAND

ISO 8859-1 (aka Latin-1)

00A0		NO-BREAK SPACE	→ 0020 space → 2007 figure space → 202F narrow no-break space → FEFF zero width no-break space ≈ <noBreak> 0020
00A1		INVERTED EXCLAMATION MARK	• Spanish, Asturian, Galician → 0021 ! exclamation mark
00A2		CENT SIGN	
00A3		POUND SIGN	= pound sterling, Irish punt → 20A4 £ lira sign
00A4		CURRENCY SIGN	• other currency symbol characters: 20A0 € -20AF ₯ → 0024 \$ dollar sign
00A5		YEN SIGN	= yuan sign • glyph may have one or two crossbars
00A6		BROKEN BAR	= BROKEN VERTICAL BAR = parted rule (in typography)
00A7		SECTION SIGN	• paragraph sign in some European usage
00A8		DIAERESIS	• this is a spacing character → 0308 ≈ 0020 0308
00A9		COPYRIGHT SIGN	→ 2117 © sound recording copyright
00AA		FEMININE ORDINAL INDICATOR	• Spanish ≈ <super> 0061 a
00AB		LEFT-POINTING DOUBLE ANGLE QUOTATION MARK	= LEFT POINTING 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		SOFT HYPHEN	= discretionary hyphen → 1806 ' mongolian todo soft hyphen
00AE		REGISTERED SIGN	= REGISTERED TRADE MARK SIGN

00AF	-	MACRON	00B9	¹	SUPERSCRIPIT ONE
		= overline, APL overbar			→ 00B2 ² superscript two
		• this is a spacing character			→ 00B3 ³ superscript three
		→ 02C9 ⁻ modifier letter macron			≈ <super> 0031 1
		→ 0304 [̄] combining macron	00BA	^º	MASCULINE ORDINAL INDICATOR
		→ 0305 [̅] combining overline			• Spanish
		≈ 0020 ^[sp] 0304 [̄]			≈ <super> 006F o
00B0	°	DEGREE SIGN	00BB	»	RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK
		• this is a spacing character			= RIGHT POINTING GUILLEMET
		→ 02DA [°] ring above			• usually closing, sometimes opening
		→ 030A ^{◌̆} combining ring above			→ 226B » much greater-than
		→ 2070 ^⁰ superscript zero			→ 300B » right double angle bracket
		→ 2218 ^{◌̇} ring operator	00BC	^¼	VULGAR FRACTION ONE QUARTER
00B1	±	PLUS-MINUS SIGN			• bar may be horizontal or slanted
		→ 2213 [∓] minus-or-plus sign			• other fraction characters: 2153 ^⅓ -215E ^⅔
00B2	²	SUPERSCRIPIT TWO			≈ 0031 1 2044 / 0034 4
		= squared	00BD	^½	VULGAR FRACTION ONE HALF
		• other superscript digit characters:			• bar may be horizontal or slanted
		2070 ^⁰ -2079 ^⁹			≈ 0031 1 2044 / 0032 2
		→ 00B9 ¹ superscript one	00BE	^¾	VULGAR FRACTION THREE QUARTERS
		≈ <super> 0032 2			• bar may be horizontal or slanted
00B3	³	SUPERSCRIPIT THREE			≈ 0033 3 2044 / 0034 4
		= cubed	00BF	¿	INVERTED QUESTION MARK
		→ 00B9 ¹ superscript one			= turned question mark
		≈ <super> 0033 3			• Spanish
00B4	´	ACUTE ACCENT			→ 003F ? question mark
		• this is a spacing character	00C0	À	LATIN CAPITAL LETTER A WITH GRAVE
		→ 02B9 [´] modifier letter prime			≡ 0041 A 0300 ◌̆
		→ 02CA [´] modifier letter acute accent	00C1	Á	LATIN CAPITAL LETTER A WITH ACUTE
		→ 0301 ^{◌̆} combining acute accent			≡ 0041 A 0301 ◌̆
		→ 2032 [´] prime	00C2	Â	LATIN CAPITAL LETTER A WITH CIRCUMFLEX
		≈ 0020 ^[sp] 0301 ^{◌̆}			≡ 0041 A 0302 ◌̆
00B5	μ	MICRO SIGN	00C3	Ã	LATIN CAPITAL LETTER A WITH TILDE
		≈ 03BC μ greek small letter mu			≡ 0041 A 0303 ◌̆
00B6	¶	PILCROW SIGN	00C4	Ä	LATIN CAPITAL LETTER A WITH DIAERESIS
		= PARAGRAPH SIGN			≡ 0041 A 0308 ◌̆
		• section sign in some European usage	00C5	Å	LATIN CAPITAL LETTER A WITH RING ABOVE
		→ 204B ¶ reversed pilcrow sign			→ 212B Å angstrom sign
		→ 2761 ¶ curved stem paragraph sign ornament			≡ 0041 A 030A ◌̆
00B7	·	MIDDLE DOT	00C6	Æ	LATIN CAPITAL LETTER AE
		= midpoint (in typography)			= LATIN CAPITAL LIGATURE AE
		= Georgian comma	00C7	Ç	LATIN CAPITAL LETTER C WITH CEDILLA
		= Greek middle dot			≡ 0043 C 0327 ◌̆
		→ 2022 · bullet	00C8	È	LATIN CAPITAL LETTER E WITH GRAVE
		→ 2024 · one dot leader			≡ 0045 E 0300 ◌̆
		→ 2027 · hyphenation point	00C9	É	LATIN CAPITAL LETTER E WITH ACUTE
		→ 2219 · bullet operator			≡ 0045 E 0301 ◌̆
		→ 22C5 · dot operator			
		→ 30FB · katakana middle dot			
00B8	¸	CEDILLA			
		• this is a spacing character			
		• other spacing accent characters:			
		02D8 [¸] -02DB [¸]			
		→ 0327 ◌̆ combining cedilla			
		≈ 0020 ^[sp] 0327 ◌̆			

00CA Ê	LATIN CAPITAL LETTER E WITH CIRCUMFLEX = 0045 E 0302 ◌̂	00DD Ý	LATIN CAPITAL LETTER Y WITH ACUTE = 0059 Y 0301 ◌̇
00CB Ë	LATIN CAPITAL LETTER E WITH DIAERESIS = 0045 E 0308 ◌̈	00DE Þ	LATIN CAPITAL LETTER THORN
00CC Ì	LATIN CAPITAL LETTER I WITH GRAVE = 0049 I 0300 ◌̀	00DF ß	LATIN SMALL LETTER SHARP S = Eszett • German • uppercase is “SS” • in origin a ligature of 017F f and 0073 s → 03B2 β greek small letter beta
00CD Í	LATIN CAPITAL LETTER I WITH ACUTE = 0049 I 0301 ◌̇	00E0 à	LATIN SMALL LETTER A WITH GRAVE = 0061 a 0300 ◌̀
00CE Î	LATIN CAPITAL LETTER I WITH CIRCUMFLEX = 0049 I 0302 ◌̂	00E1 á	LATIN SMALL LETTER A WITH ACUTE = 0061 a 0301 ◌̇
00CF Ï	LATIN CAPITAL LETTER I WITH DIAERESIS = 0049 I 0308 ◌̈	00E2 â	LATIN SMALL LETTER A WITH CIRCUMFLEX = 0061 a 0302 ◌̂
00D0 Ð	LATIN CAPITAL LETTER ETH → 00F0 ð latin small letter eth → 0110 Ð latin capital letter d with stroke → 0189 Đ latin capital letter african d	00E3 ã	LATIN SMALL LETTER A WITH TILDE • Portuguese = 0061 a 0303 ◌̃
00D1 Ñ	LATIN CAPITAL LETTER N WITH TILDE = 004E N 0303 ◌̃	00E4 ä	LATIN SMALL LETTER A WITH DIAERESIS = 0061 a 0308 ◌̈
00D2 Ò	LATIN CAPITAL LETTER O WITH GRAVE = 004F O 0300 ◌̀	00E5 å	LATIN SMALL LETTER A WITH RING ABOVE • Danish, Norwegian, Swedish, Walloon = 0061 a 030A ◌̊
00D3 Ó	LATIN CAPITAL LETTER O WITH ACUTE = 004F O 0301 ◌̇	00E6 æ	LATIN SMALL LETTER AE = LATIN SMALL LIGATURE AE = 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
00D4 Ô	LATIN CAPITAL LETTER O WITH CIRCUMFLEX = 004F O 0302 ◌̂	00E7 ç	LATIN SMALL LETTER C WITH CEDILLA = 0063 c 0327 ◌̈́
00D5 Õ	LATIN CAPITAL LETTER O WITH TILDE = 004F O 0303 ◌̃	00E8 è	LATIN SMALL LETTER E WITH GRAVE = 0065 e 0300 ◌̀
00D6 Ö	LATIN CAPITAL LETTER O WITH DIAERESIS = 004F O 0308 ◌̈	00E9 é	LATIN SMALL LETTER E WITH ACUTE = 0065 e 0301 ◌̇
00D7 ×	MULTIPLICATION SIGN = z notation Cartesian product	00EA ê	LATIN SMALL LETTER E WITH CIRCUMFLEX = 0065 e 0302 ◌̂
00D8 Ø	LATIN CAPITAL LETTER O WITH STROKE = LATIN CAPITAL LETTER O SLASH → 2205 ∅ empty set	00EB ë	LATIN SMALL LETTER E WITH DIAERESIS = 0065 e 0308 ◌̈
00D9 Ù	LATIN CAPITAL LETTER U WITH GRAVE = 0055 U 0300 ◌̀	00EC ì	LATIN SMALL LETTER I WITH GRAVE • Italian, Malagasy = 0069 i 0300 ◌̀
00DA Ú	LATIN CAPITAL LETTER U WITH ACUTE = 0055 U 0301 ◌̇	00ED í	LATIN SMALL LETTER I WITH ACUTE = 0069 i 0301 ◌̇
00DB Û	LATIN CAPITAL LETTER U WITH CIRCUMFLEX = 0055 U 0302 ◌̂	00EE î	LATIN SMALL LETTER I WITH CIRCUMFLEX = 0069 i 0302 ◌̂
00DC Ü	LATIN CAPITAL LETTER U WITH DIAERESIS = 0055 U 0308 ◌̈		

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
00F7	÷	DIVISION SIGN
00F8	ø	LATIN SMALL LETTER O WITH STROKE = LATIN SMALL LETTER O SLASH • Danish, Norwegian, Faroese, IPA
00F9	ù	LATIN SMALL LETTER U WITH GRAVE • French, Italian ≡ 0075 u 0300 ù
00FA	ú	LATIN SMALL LETTER U WITH ACUTE ≡ 0075 u 0301 ú
00FB	û	LATIN SMALL LETTER U WITH CIRCUMFLEX ≡ 0075 u 0302 û
00FC	ü	LATIN SMALL LETTER U WITH DIAERESIS ≡ 0075 u 0308 ü
00FD	ý	LATIN SMALL LETTER Y WITH ACUTE • Czech, Slovak, Icelandic, Faroese, Welsh, Malagasy ≡ 0079 y 0301 ý
00FE	þ	LATIN SMALL LETTER THORN • Icelandic, Old English, phonetics • Runic letter borrowed into Latin script → 16A6 ƿ runic letter thurisaz thurs thorn
00FF	ÿ	LATIN SMALL LETTER Y WITH DIAERESIS • French → 0178 Ÿ latin capital letter y with diaeresis ≡ 0079 y 0308 ÿ