Enclosed Alphanumerics

Range: 2460–24FF

This file contains an excerpt from the character code tables and list of character names for
The Unicode Standard, Version 12.1

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-12.1/ for charts showing only the characters added in Unicode 12.1.
See http://www.unicode.org/Public/12.1.0/charts/ for a complete archived file of character code charts for Unicode 12.1.

Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 12.1 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 12.1, online at http://www.unicode.org/versions/Unicode12.1.0/, 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.

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

You may freely use these code charts for personal or internal business uses only. You may not incorporate them either wholly or in part into any product or publication, or otherwise distribute them without express written permission from the Unicode Consortium. However, you may provide links to these charts.

The fonts and font data used in production of these code charts may NOT be extracted, or used in any other way in any product or publication, without permission or license granted by the typeface owner(s).

The Unicode Consortium is not liable for errors or omissions in this file or the standard itself. Information on characters added to the Unicode Standard since the publication of the most recent version of the Unicode Standard, as well as on characters currently being considered for addition to the Unicode Standard can be found on the Unicode web site.

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

	246	247	248	249	24A	24B	24C	24D	24E	24F
0	① 2460	⑰ 2470	⑬ 2480	9. 2490	(e) 24A0	(u) 24B0	Ⓚ 24C0	ⓐ 24D0	ⓠ 24E0	⓰ 24F0
1	② 2461	⑱ 2471	⑭ 2481	10. 2491	(f) 24A1	(v) 24B1	Ⓛ 24C1	ⓑ 24D1	ⓡ 24E1	⓱ 24F1
2	③ 2462	⑲ 2472	⑮ 2482	11. 2492	(g) 24A2	(w) 24B2	Ⓜ 24C2	ⓒ 24D2	ⓢ 24E2	⓲ 24F2
3	④ 2463	⑳ 2473	⑯ 2483	12. 2493	(h) 24A3	(x) 24B3	Ⓝ 24C3	ⓓ 24D3	ⓣ 24E3	⓳ 24F3
4	⑤ 2464	(1) 2474	(17) 2484	13. 2494	(i) 24A4	(y) 24B4	Ⓞ 24C4	ⓔ 24D4	ⓤ 24E4	⓴ 24F4
5	⑥ 2465	(2) 2475	(18) 2485	14. 2495	(j) 24A5	(z) 24B5	Ⓟ 24C5	ⓕ 24D5	ⓥ 24E5	⓵ 24F5
6	⑦ 2466	(3) 2476	(19) 2486	15. 2496	(k) 24A6	Ⓐ 24B6	Ⓠ 24C6	ⓖ 24D6	ⓦ 24E6	⓶ 24F6
7	⑧ 2467	(4) 2477	(20) 2487	16. 2497	(l) 24A7	Ⓑ 24B7	Ⓡ 24C7	ⓗ 24D7	ⓧ 24E7	⓷ 24F7
8	⑨ 2468	(5) 2478	1. 2488	17. 2498	(m) 24A8	Ⓒ 24B8	Ⓢ 24C8	ⓘ 24D8	ⓨ 24E8	⓸ 24F8
9	⑩ 2469	(6) 2479	2. 2489	18. 2499	(n) 24A9	Ⓓ 24B9	Ⓣ 24C9	ⓙ 24D9	ⓩ 24E9	⓹ 24F9
A	⑪ 246A	(7) 247A	3. 248A	19. 249A	(o) 24AA	Ⓔ 24BA	Ⓤ 24CA	ⓚ 24DA	⓪ 24EA	⓺ 24FA
B	⑫ 246B	(8) 247B	4. 248B	20. 249B	(p) 24AB	Ⓕ 24BB	Ⓥ 24CB	ⓛ 24DB	⓫ 24EB	⓻ 24FB
C	⑬ 246C	(9) 247C	5. 248C	(a) 249C	(q) 24AC	Ⓖ 24BC	Ⓦ 24CC	ⓜ 24DC	⓬ 24EC	⓼ 24FC
D	⑭ 246D	(10) 247D	6. 248D	(b) 249D	(r) 24AD	Ⓗ 24BD	Ⓧ 24CD	ⓝ 24DD	⓭ 24ED	⓽ 24FD
E	⑮ 246E	(11) 247E	7. 248E	(c) 249E	(s) 24AE	Ⓘ 24BE	Ⓨ 24CE	ⓞ 24DE	⓮ 24EE	⑩ 24FE
F	⑯ 246F	(12) 247F	8. 248F	(d) 249F	(t) 24AF	Ⓙ 24BF	Ⓩ 24CF	ⓟ 24DF	⓯ 24EF	⓿ 24FF

Circled numbers

2460   ①   CIRCLED DIGIT ONE
    ≈ <circle> 0031 1

2461   ②   CIRCLED DIGIT TWO
    ≈ <circle> 0032 2

2462   ③   CIRCLED DIGIT THREE
    ≈ <circle> 0033 3

2463   ④   CIRCLED DIGIT FOUR
    ≈ <circle> 0034 4

2464   ⑤   CIRCLED DIGIT FIVE
    ≈ <circle> 0035 5

2465   ⑥   CIRCLED DIGIT SIX
    ≈ <circle> 0036 6

2466   ⑦   CIRCLED DIGIT SEVEN
    ≈ <circle> 0037 7

2467   ⑧   CIRCLED DIGIT EIGHT
    ≈ <circle> 0038 8

2468   ⑨   CIRCLED DIGIT NINE
    ≈ <circle> 0039 9

2469   ⑩   CIRCLED NUMBER TEN
    ≈ <circle> 0031 1 0030 0

246A   ⑪   CIRCLED NUMBER ELEVEN
    ≈ <circle> 0031 1 0031 1

246B   ⑫   CIRCLED NUMBER TWELVE
    ≈ <circle> 0031 1 0032 2

246C   ⑬   CIRCLED NUMBER THIRTEEN
    ≈ <circle> 0031 1 0033 3

246D   ⑭   CIRCLED NUMBER FOURTEEN
    ≈ <circle> 0031 1 0034 4

246E   ⑮   CIRCLED NUMBER FIFTEEN
    ≈ <circle> 0031 1 0035 5

246F   ⑯   CIRCLED NUMBER SIXTEEN
    ≈ <circle> 0031 1 0036 6

2470   ⑰   CIRCLED NUMBER SEVENTEEN
    ≈ <circle> 0031 1 0037 7

2471   ⑱   CIRCLED NUMBER EIGHTEEN
    ≈ <circle> 0031 1 0038 8

2472   ⑲   CIRCLED NUMBER NINETEEN
    ≈ <circle> 0031 1 0039 9

2473   ⑳   CIRCLED NUMBER TWENTY
    ≈ <circle> 0032 2 0030 0

Parenthesized numbers

2474   (1)   PARENTHESIZED DIGIT ONE
    ≈ 0028 (0031 1 0029)

2475   (2)   PARENTHESIZED DIGIT TWO
    ≈ 0028 (0032 2 0029)

2476   (3)   PARENTHESIZED DIGIT THREE
    ≈ 0028 (0033 3 0029)

2477   (4)   PARENTHESIZED DIGIT FOUR
    ≈ 0028 (0034 4 0029)

2478   (5)   PARENTHESIZED DIGIT FIVE
    ≈ 0028 (0035 5 0029)

2479   (6)   PARENTHESIZED DIGIT SIX
    ≈ 0028 (0036 6 0029)

247A   (7)   PARENTHESIZED DIGIT SEVEN
    ≈ 0028 (0037 7 0029)

247B   (8)   PARENTHESIZED DIGIT EIGHT
    ≈ 0028 (0038 8 0029)

247C   (9)   PARENTHESIZED DIGIT NINE
    ≈ 0028 (0039 9 0029)

247D   (10)   PARENTHESIZED NUMBER TEN
    ≈ 0028 (0031 1 0030 0 0029)

247E   (11)   PARENTHESIZED NUMBER ELEVEN
    ≈ 0028 (0031 1 0031 1 0029)

247F   (12)   PARENTHESIZED NUMBER TWELVE
    ≈ 0028 (0031 1 0032 2 0029)

2480   (13)   PARENTHESIZED NUMBER THIRTEEN
    ≈ 0028 (0031 1 0033 3 0029)

2481   (14)   PARENTHESIZED NUMBER FOURTEEN
    ≈ 0028 (0031 1 0034 4 0029)

2482   (15)   PARENTHESIZED NUMBER FIFTEEN
    ≈ 0028 (0031 1 0035 5 0029)

2483   (16)   PARENTHESIZED NUMBER SIXTEEN
    ≈ 0028 (0031 1 0036 6 0029)

2484   (17)   PARENTHESIZED NUMBER SEVENTEEN
    ≈ 0028 (0031 1 0037 7 0029)

2485   (18)   PARENTHESIZED NUMBER EIGHTEEN
    ≈ 0028 (0031 1 0038 8 0029)

2486   (19)   PARENTHESIZED NUMBER NINETEEN
    ≈ 0028 (0031 1 0039 9 0029)

2487   (20)   PARENTHESIZED NUMBER TWENTY
    ≈ 0028 (0032 2 0030 0 0029)

Numbers period

See also similar symbols starting at 1F100.

2488   1.   DIGIT ONE FULL STOP
    ≈ 0031 1 002E .

2489   2.   DIGIT TWO FULL STOP
    ≈ 0032 2 002E .

248A   3.   DIGIT THREE FULL STOP
    ≈ 0033 3 002E .

248B   4.   DIGIT FOUR FULL STOP
    ≈ 0034 4 002E .

248C   5.   DIGIT FIVE FULL STOP
    ≈ 0035 5 002E .

248D   6.   DIGIT SIX FULL STOP
    ≈ 0036 6 002E .

248E   7.   DIGIT SEVEN FULL STOP
    ≈ 0037 7 002E .

248F   8.   DIGIT EIGHT FULL STOP
    ≈ 0038 8 002E .

2490   9.   DIGIT NINE FULL STOP
    ≈ 0039 9 002E .

2491   10.   NUMBER TEN FULL STOP
    ≈ 0031 1 0030 0 002E .

2492   11.   NUMBER ELEVEN FULL STOP
    ≈ 0031 1 0031 1 002E .

2493   12.   NUMBER TWELVE FULL STOP
    ≈ 0031 1 0032 2 002E .

2494   13.   NUMBER THIRTEEN FULL STOP
    ≈ 0031 1 0033 3 002E .

2495   14.   NUMBER FOURTEEN FULL STOP
    ≈ 0031 1 0034 4 002E .

2496   15.   NUMBER FIFTEEN FULL STOP
    ≈ 0031 1 0035 5 002E .

2497   16.   NUMBER SIXTEEN FULL STOP
    ≈ 0031 1 0036 6 002E .

2498   17.   NUMBER SEVENTEEN FULL STOP
    ≈ 0031 1 0037 7 002E .

2499   18.   NUMBER EIGHTEEN FULL STOP
    ≈ 0031 1 0038 8 002E .

249A   19.   NUMBER NINETEEN FULL STOP
    ≈ 0031 1 0039 9 002E .

249B   20.   NUMBER TWENTY FULL STOP
    ≈ 0032 2 0030 0 002E .

Parenthesized Latin letters

See also the uppercase set starting at 1F100. Parenthesized Latin letters do not have case mappings.

249C ⒜ PARENTHESIZED LATIN SMALL LETTER A
   ≈ 0028 (0061 a 0029)
249D ⒝ PARENTHESIZED LATIN SMALL LETTER B
   ≈ 0028 (0062 b 0029)
249E ⒞ PARENTHESIZED LATIN SMALL LETTER C
   ≈ 0028 (0063 c 0029)
249F ⒟ PARENTHESIZED LATIN SMALL LETTER D
   ≈ 0028 (0064 d 0029)
24A0 ⒠ PARENTHESIZED LATIN SMALL LETTER E
   ≈ 0028 (0065 e 0029)
24A1 ⒡ PARENTHESIZED LATIN SMALL LETTER F
   ≈ 0028 (0066 f 0029)
24A2 ⒢ PARENTHESIZED LATIN SMALL LETTER G
   ≈ 0028 (0067 g 0029)
24A3 ⒣ PARENTHESIZED LATIN SMALL LETTER H
   ≈ 0028 (0068 h 0029)
24A4 ⒤ PARENTHESIZED LATIN SMALL LETTER I
   ≈ 0028 (0069 i 0029)
24A5 ⒥ PARENTHESIZED LATIN SMALL LETTER J
   ≈ 0028 (006A j 0029)
24A6 ⒦ PARENTHESIZED LATIN SMALL LETTER K
   ≈ 0028 (006B k 0029)
24A7 ⒧ PARENTHESIZED LATIN SMALL LETTER L
   ≈ 0028 (006C l 0029)
24A8 ⒨ PARENTHESIZED LATIN SMALL LETTER M
   ≈ 0028 (006D m 0029)
24A9 ⒩ PARENTHESIZED LATIN SMALL LETTER N
   ≈ 0028 (006E n 0029)
24AA ⒪ PARENTHESIZED LATIN SMALL LETTER O
   ≈ 0028 (006F o 0029)
24AB ⒫ PARENTHESIZED LATIN SMALL LETTER P
   ≈ 0028 (0070 p 0029)
24AC ⒬ PARENTHESIZED LATIN SMALL LETTER Q
   ≈ 0028 (0071 q 0029)
24AD ⒭ PARENTHESIZED LATIN SMALL LETTER R
   ≈ 0028 (0072 r 0029)
24AE ⒮ PARENTHESIZED LATIN SMALL LETTER S
   ≈ 0028 (0073 s 0029)
24AF ⒯ PARENTHESIZED LATIN SMALL LETTER T
   ≈ 0028 (0074 t 0029)
24B0 ⒰ PARENTHESIZED LATIN SMALL LETTER U
   ≈ 0028 (0075 u 0029)
24B1 ⒱ PARENTHESIZED LATIN SMALL LETTER V
   ≈ 0028 (0076 v 0029)
24B2 ⒲ PARENTHESIZED LATIN SMALL LETTER W
   ≈ 0028 (0077 w 0029)
24B3 ⒳ PARENTHESIZED LATIN SMALL LETTER X
   ≈ 0028 (0078 x 0029)
24B4 ⒴ PARENTHESIZED LATIN SMALL LETTER Y
   ≈ 0028 (0079 y 0029)
24B5 ⒵ PARENTHESIZED LATIN SMALL LETTER Z
   ≈ 0028 (007A z 0029)

Circled Latin letters

24B6 Ⓐ CIRCLED LATIN CAPITAL LETTER A
   ≈ <circle> 0041 A
24B7 Ⓑ CIRCLED LATIN CAPITAL LETTER B
   ≈ <circle> 0042 B

24B8 Ⓒ CIRCLED LATIN CAPITAL LETTER C
   → 00A9 © copyright sign
   ≈ <circle> 0043 C
24B9 Ⓓ CIRCLED LATIN CAPITAL LETTER D
   ≈ <circle> 0044 D
24BA Ⓔ CIRCLED LATIN CAPITAL LETTER E
   ≈ <circle> 0045 E
24BB Ⓕ CIRCLED LATIN CAPITAL LETTER F
   ≈ <circle> 0046 F
24BC Ⓖ CIRCLED LATIN CAPITAL LETTER G
   ≈ <circle> 0047 G
24BD Ⓗ CIRCLED LATIN CAPITAL LETTER H
   ≈ <circle> 0048 H
24BE Ⓘ CIRCLED LATIN CAPITAL LETTER I
   ≈ <circle> 0049 I
24BF Ⓙ CIRCLED LATIN CAPITAL LETTER J
   ≈ <circle> 004A J
24C0 Ⓚ CIRCLED LATIN CAPITAL LETTER K
   ≈ <circle> 004B K
24C1 Ⓛ CIRCLED LATIN CAPITAL LETTER L
   ≈ <circle> 004C L
24C2 Ⓜ CIRCLED LATIN CAPITAL LETTER M
   ≈ <circle> 004D M
24C3 Ⓝ CIRCLED LATIN CAPITAL LETTER N
   ≈ <circle> 004E N
24C4 Ⓞ CIRCLED LATIN CAPITAL LETTER O
   ≈ <circle> 004F O
24C5 Ⓟ CIRCLED LATIN CAPITAL LETTER P
   → 2117 ℗ sound recording copyright
   ≈ <circle> 0050 P
24C6 Ⓠ CIRCLED LATIN CAPITAL LETTER Q
   ≈ <circle> 0051 Q
24C7 Ⓡ CIRCLED LATIN CAPITAL LETTER R
   → 00AE ® registered sign
   ≈ <circle> 0052 R
24C8 Ⓢ CIRCLED LATIN CAPITAL LETTER S
   ≈ <circle> 0053 S
24C9 Ⓣ CIRCLED LATIN CAPITAL LETTER T
   ≈ <circle> 0054 T
24CA Ⓤ CIRCLED LATIN CAPITAL LETTER U
   ≈ <circle> 0055 U
24CB Ⓥ CIRCLED LATIN CAPITAL LETTER V
   ≈ <circle> 0056 V
24CC Ⓦ CIRCLED LATIN CAPITAL LETTER W
   ≈ <circle> 0057 W
24CD Ⓧ CIRCLED LATIN CAPITAL LETTER X
   ≈ <circle> 0058 X
24CE Ⓨ CIRCLED LATIN CAPITAL LETTER Y
   ≈ <circle> 0059 Y
24CF Ⓩ CIRCLED LATIN CAPITAL LETTER Z
   ≈ <circle> 005A Z
24D0 ⓐ CIRCLED LATIN SMALL LETTER A
   ≈ <circle> 0061 a
24D1 ⓑ CIRCLED LATIN SMALL LETTER B
   ≈ <circle> 0062 b
24D2 ⓒ CIRCLED LATIN SMALL LETTER C
   ≈ <circle> 0063 c
24D3 ⓓ CIRCLED LATIN SMALL LETTER D
   ≈ <circle> 0064 d
24D4 ⓔ CIRCLED LATIN SMALL LETTER E
   ≈ <circle> 0065 e

24D5 ⓕ CIRCLED LATIN SMALL LETTER F
≈ \<circle\> 0066 f
24D6 ⓖ CIRCLED LATIN SMALL LETTER G
≈ \<circle\> 0067 g
24D7 ⓗ CIRCLED LATIN SMALL LETTER H
≈ \<circle\> 0068 h
24D8 ⓘ CIRCLED LATIN SMALL LETTER I
≈ \<circle\> 0069 i
24D9 ⓙ CIRCLED LATIN SMALL LETTER J
≈ \<circle\> 006A j
24DA ⓚ CIRCLED LATIN SMALL LETTER K
≈ \<circle\> 006B k
24DB ⓛ CIRCLED LATIN SMALL LETTER L
≈ \<circle\> 006C l
24DC ⓜ CIRCLED LATIN SMALL LETTER M
≈ \<circle\> 006D m
24DD ⓝ CIRCLED LATIN SMALL LETTER N
≈ \<circle\> 006E n
24DE ⓞ CIRCLED LATIN SMALL LETTER O
≈ \<circle\> 006F o
24DF ⓟ CIRCLED LATIN SMALL LETTER P
≈ \<circle\> 0070 p
24E0 ⓠ CIRCLED LATIN SMALL LETTER Q
≈ \<circle\> 0071 q
24E1 ⓡ CIRCLED LATIN SMALL LETTER R
≈ \<circle\> 0072 r
24E2 ⓢ CIRCLED LATIN SMALL LETTER S
≈ \<circle\> 0073 s
24E3 ⓣ CIRCLED LATIN SMALL LETTER T
≈ \<circle\> 0074 t
24E4 ⓤ CIRCLED LATIN SMALL LETTER U
≈ \<circle\> 0075 u
24E5 ⓥ CIRCLED LATIN SMALL LETTER V
≈ \<circle\> 0076 v
24E6 ⓦ CIRCLED LATIN SMALL LETTER W
≈ \<circle\> 0077 w
24E7 ⓧ CIRCLED LATIN SMALL LETTER X
≈ \<circle\> 0078 x
24E8 ⓨ CIRCLED LATIN SMALL LETTER Y
≈ \<circle\> 0079 y
24E9 ⓩ CIRCLED LATIN SMALL LETTER Z
≈ \<circle\> 007A z

Additional circled number

24EA ⓪ CIRCLED DIGIT ZERO
≈ \<circle\> 0030 0

White on black circled numbers

24EB ⓫ NEGATIVE CIRCLED NUMBER ELEVEN
24EC ⓬ NEGATIVE CIRCLED NUMBER TWELVE
24ED ⓭ NEGATIVE CIRCLED NUMBER THIRTEEN
24EE ⓮ NEGATIVE CIRCLED NUMBER FOURTEEN
24EF ⓯ NEGATIVE CIRCLED NUMBER FIFTEEN
24F0 ⓰ NEGATIVE CIRCLED NUMBER SIXTEEN
24F1 ⓱ NEGATIVE CIRCLED NUMBER SEVENTEEN
24F2 ⓲ NEGATIVE CIRCLED NUMBER EIGHTEEN
24F3 ⓳ NEGATIVE CIRCLED NUMBER NINETEEN
24F4 ⓴ NEGATIVE CIRCLED NUMBER TWENTY

Double circled numbers

24F5 ⓵ DOUBLE CIRCLED DIGIT ONE
24F6 ⓶ DOUBLE CIRCLED DIGIT TWO
24F7 ⓷ DOUBLE CIRCLED DIGIT THREE
24F8 ⓸ DOUBLE CIRCLED DIGIT FOUR

24F9 ⓹ DOUBLE CIRCLED DIGIT FIVE
24FA ⓺ DOUBLE CIRCLED DIGIT SIX
24FB ⓻ DOUBLE CIRCLED DIGIT SEVEN
24FC ⓼ DOUBLE CIRCLED DIGIT EIGHT
24FD ⓽ DOUBLE CIRCLED DIGIT NINE
24FE ⓾ DOUBLE CIRCLED NUMBER TEN

Additional white on black circled number

24FF ⓿ NEGATIVE CIRCLED DIGIT ZERO
→ 2776 ❶ dingbat negative circled digit one