Spacing Modifier Letters
Range: 02B0–02FF

This file contains an excerpt from the character code tables and list of character names for the Unicode Standard, last updated for
The Unicode Standard, Version 4.0.

This file may be updated as necessary to reflect errata without notice. For an up-to-date list of errata, see
http://www.unicode.org/errata/

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These charts are provided as the on-line reference to the character contents of the Unicode Standard, Version 4.0 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 excerpt file, please consult the appropriate sections of The Unicode Standard, Version 4.0 (ISBN 0-321-18578-1), as well as Unicode Standard Annexes #9, #11, #14, #15, #24 and #29, the other Unicode Technical Reports and the Unicode Character Database, which are available on-line.

See http://www.unicode.org/Public/UNIDATA/UCD.html and http://www.unicode.org/reports/

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

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

	02B	02C	02D	02E	02F
0	h 02B0	ʔ 02C0	ː 02D0	ɣ 02E0	ʌ 02F0
1	ɦ 02B1	ʕ 02C1	ˑ 02D1	l 02E1	‹ 02F1
2	j 02B2	‹ 02C2	˒ 02D2	s 02E2	› 02F2
3	r 02B3	› 02C3	˓ 02D3	x 02E3	o 02F3
4	ɹ 02B4	ʌ 02C4	˔ 02D4	ʕ 02E4	ˋ 02F4
5	ɻ 02B5	˅ 02C5	˕ 02D5	˥ 02E5	ˎ 02F5
6	ʁ 02B6	^ 02C6	˖ 02D6	˦ 02E6	ˮ 02F6
7	w 02B7	ˇ 02C7	˗ 02D7	˧ 02E7	˷ 02F7
8	y 02B8	ˈ 02C8	˘ 02D8	˨ 02E8	˸ 02F8
9	˹ 02B9	ˉ 02C9	˙ 02D9	˩ 02E9	˹ 02F9
A	�º 02BA	ˊ 02CA	˚ 02DA	˪ 02EA	˺ 02FA
B	ʻ 02BB	ˋ 02CB	˛ 02DB	˫ 02EB	˻ 02FB
C	ʼ 02BC	ˌ 02CC	˜ 02DC	ˬ 02EC	˼ 02FC
D	ʽ 02BD	ˍ 02CD	˝ 02DD	˭ 02ED	˽ 02FD
E	ʾ 02BE	ˎ 02CE	˞ 02DE	ˮ 02EE	˾ 02FE
F	ʿ 02BF	ˏ 02CF	˟ 02DF	˯ 02EF	← 02FF

Latin superscript modifier letters

02B0 ʰ MODIFIER LETTER SMALL H
• aspiration
≈ <super> 0068 h

02B1 ʱ MODIFIER LETTER SMALL H WITH HOOK
• breathy voiced, murmured
→ 0266 ɦ latin small letter h with hook
→ 0324 ̤ combining diaeresis below
≈ <super> 0266 ɦ

02B2 ʲ MODIFIER LETTER SMALL J
• palatalization
→ 0321 ̡ combining palatalized hook below
≈ <super> 006A j

02B3 ʳ MODIFIER LETTER SMALL R
≈ <super> 0072 r

02B4 ʴ MODIFIER LETTER SMALL TURNED R
→ 0279 ɹ latin small letter turned r
≈ <super> 0279 ɹ

02B5 ʵ MODIFIER LETTER SMALL TURNED R WITH HOOK
→ 027B ɻ latin small letter turned r with hook
≈ <super> 027B ɻ

02B6 ʶ MODIFIER LETTER SMALL CAPITAL INVERTED R
• preceding four used for r-coloring or r-offglides
→ 0281 ʁ latin letter small capital inverted r
≈ <super> 0281 ʁ

02B7 ʷ MODIFIER LETTER SMALL W
• labialization
→ 032B ̫ combining inverted double arch below
≈ <super> 0077 w

02B8 ʸ MODIFIER LETTER SMALL Y
• palatalization
• common Americanist usage for 02B2 ʲ
≈ <super> 0079 y

Miscellaneous phonetic modifiers

02B9 ʹ MODIFIER LETTER PRIME
• primary stress, emphasis
• transliteration of mjagkij znak (Cyrillic soft sign: palatalization)
→ 0027 ' apostrophe
→ 00B4 ´ acute accent
→ 02CA ˊ modifier letter acute accent
→ 0301 ́ combining acute accent
→ 0374 ʹ greek numeral sign
→ 2032 ′ prime

02BA ʺ MODIFIER LETTER DOUBLE PRIME
• exaggerated stress, contrastive stress
• transliteration of tverdyj znak (Cyrillic hard sign: no palatalization)
→ 0022 " quotation mark
→ 030B ̋ combining double acute accent
→ 2033 ″ double prime

02BB ʻ MODIFIER LETTER TURNED COMMA
• typographical alternate for 02BD ʽ or 02BF ʿ
→ 0312 ̒ combining turned comma above
→ 2018 ' left single quotation mark

02BC ʼ MODIFIER LETTER APOSTROPHE
= apostrophe
• glottal stop, glottalization, ejective
• spacing clone of Greek smooth breathing mark
• many languages use this as a letter of their alphabets
→ 0027 ' apostrophe
→ 0313 ̓ combining comma above
→ 0315 ̕ combining comma above right
→ 055A ՚ armenian apostrophe
→ 2019 ' right single quotation mark

02BD ʽ MODIFIER LETTER REVERSED COMMA
• weak aspiration
• spacing clone of Greek rough breathing mark
→ 0314 ̔ combining reversed comma above
→ 0559 ՙ armenian modifier letter left half ring
→ 201B ‛ single high-reversed-9 quotation mark

02BE ʾ MODIFIER LETTER RIGHT HALF RING
• transliteration of Arabic hamza (glottal stop)
→ 055A ՚ armenian apostrophe
→ 0621 ء arabic letter hamza

02BF ʿ MODIFIER LETTER LEFT HALF RING
• transliteration of Arabic ain (voiced pharyngeal fricative)
→ 0559 ՙ armenian modifier letter left half ring
→ 0639 ع arabic letter ain

02C0 ˀ MODIFIER LETTER GLOTTAL STOP
• ejective or glottalized
• typographical alternate for 02BC ʼ or 02BE ʾ
→ 0294 ʔ latin letter glottal stop
→ 0309 ̉ combining hook above

02C1 ˁ MODIFIER LETTER REVERSED GLOTTAL STOP
• typographical alternate for 02BF ʿ
→ 0295 ʕ latin letter pharyngeal voiced fricative

02C2 ˂ MODIFIER LETTER LEFT ARROWHEAD
• fronted articulation

02C3 ˃ MODIFIER LETTER RIGHT ARROWHEAD
• backed articulation

02C4 ˄ MODIFIER LETTER UP ARROWHEAD
• raised articulation
→ 005E ^ circumflex accent
→ 2303 ⌃ up arrowhead

02C5   ˅   MODIFIER LETTER DOWN ARROWHEAD
- lowered articulation

02C6   ˆ   MODIFIER LETTER CIRCUMFLEX ACCENT
- rising-falling tone, falling tone, secondary stress, etc.
- → 005E ^ circumflex accent
- → 0302 ◌̂ combining circumflex accent

02C7   ˇ   CARON
- = hacek
- falling-rising tone
- Mandarin Chinese third tone
- → 030C ◌̌ combining caron

02C8   '   MODIFIER LETTER VERTICAL LINE
- primary stress, downstep
- precedes letter or syllable modified
- → 0027 ' apostrophe
- → 030D ◌̍ combining vertical line above

02C9   ˉ   MODIFIER LETTER MACRON
- high level tone
- precedes or follows letter or syllable modified
- Mandarin Chinese first tone
- → 00AF ¯ macron
- → 0304 ◌̄ combining macron

02CA   ´   MODIFIER LETTER ACUTE ACCENT
- high-rising tone (IPA), high tone, primary stress
- Mandarin Chinese second tone
- → 00B4 ´ acute accent
- → 02B9 ′ modifier letter prime
- → 0301 ◌́ combining acute accent
- → 0374 ʹ greek numeral sign
- → 055B ՛ armenian emphasis mark

02CB   `   MODIFIER LETTER GRAVE ACCENT
- high-falling tone (IPA), low tone, secondary or tertiary stress
- Mandarin Chinese fourth tone
- → 0060 ` grave accent
- → 0300 ◌̀ combining grave accent
- → 055D ՝ armenian comma

02CC   ˌ   MODIFIER LETTER LOW VERTICAL LINE
- secondary stress
- precedes letter or syllable modified
- → 0329 ◌̩ combining vertical line below

02CD   ˍ   MODIFIER LETTER LOW MACRON
- low level tone
- → 005F _ low line
- → 0331 ◌̱ combining macron below

02CE   ˎ   MODIFIER LETTER LOW GRAVE ACCENT
- low-falling tone

02CF   ˏ   MODIFIER LETTER LOW ACUTE ACCENT
- low-rising tone
- → 0375 ͵ greek lower numeral sign

02D0   ː   MODIFIER LETTER TRIANGULAR COLON
- length mark
- → 003A : colon

02D1   ˑ   MODIFIER LETTER HALF TRIANGULAR COLON
- half-length mark
- → 00B7 · middle dot

02D2   ˒   MODIFIER LETTER CENTRED RIGHT HALF RING
- more rounded articulation

02D3   ˓   MODIFIER LETTER CENTRED LEFT HALF RING
- less rounded articulation

02D4   ˔   MODIFIER LETTER UP TACK
- vowel raising or closing
- → 031D ◌̝ combining up tack below
- → 0323 ◌̣ combining dot below

02D5   ˕   MODIFIER LETTER DOWN TACK
- vowel lowering or opening
- → 031C ◌̜ combining left half ring below
- → 031E ◌̞ combining down tack below

02D6   ˖   MODIFIER LETTER PLUS SIGN
- advanced or fronted articulation
- → 031F ◌̟ combining plus sign below

02D7   ˗   MODIFIER LETTER MINUS SIGN
- retracted or backed articulation
- glyph may have small end-serifs
- → 0320 ◌̠ combining minus sign below

Spacing clones of diacritics

02D8   ˘   BREVE
- → 0306 ◌̆ combining breve
- ≈ 0020 [SP] 0306 ◌̆

02D9   ˙   DOT ABOVE
- Mandarin Chinese fifth tone (light or neutral)
- → 0307 ◌̇ combining dot above
- ≈ 0020 [SP] 0307 ◌̇

02DA   ˚   RING ABOVE
- → 00B0 ° degree sign
- → 030A ◌̊ combining ring above
- ≈ 0020 [SP] 030A ◌̊

02DB   ˛   OGONEK
- → 0328 ◌̨ combining ogonek
- ≈ 0020 [SP] 0328 ◌̨

02DC   ˜   SMALL TILDE
- → 007E ~ tilde
- → 0303 ◌̃ combining tilde
- → 223C ∼ tilde operator
- ≈ 0020 [SP] 0303 ◌̃

02DD   ˝   DOUBLE ACUTE ACCENT
- → 030B ◌̋ combining double acute accent
- ≈ 0020 [SP] 030B ◌̋

Additions based on 1989 IPA

02DE ˞ MODIFIER LETTER RHOTIC HOOK
• rhotacization in vowel
• often ligated: 025A ɚ = 0259 ə + 02DE ˞ ;
025D ɝ = 025C ɜ + 02DE ˞

02DF × MODIFIER LETTER CROSS ACCENT
• Swedish grave accent

02E0 ˠ MODIFIER LETTER SMALL GAMMA
• these modifier letters are occasionally used in transcription of affricates
≈ <super> 0263 ɣ

02E1 ˡ MODIFIER LETTER SMALL L
≈ <super> 006C l

02E2 ˢ MODIFIER LETTER SMALL S
≈ <super> 0073 s

02E3 ˣ MODIFIER LETTER SMALL X
≈ <super> 0078 x

02E4 ˤ MODIFIER LETTER SMALL REVERSED GLOTTAL STOP
≈ <super> 0295 ʕ

Tone letters

02E5 ˥ MODIFIER LETTER EXTRA-HIGH TONE BAR

02E6 ˦ MODIFIER LETTER HIGH TONE BAR

02E7 ˧ MODIFIER LETTER MID TONE BAR

02E8 ˨ MODIFIER LETTER LOW TONE BAR

02E9 ˩ MODIFIER LETTER EXTRA-LOW TONE BAR

02EA ˪ MODIFIER LETTER YIN DEPARTING TONE MARK

02EB ˫ MODIFIER LETTER YANG DEPARTING TONE MARK

IPA modifiers

02EC ˬ MODIFIER LETTER VOICING
02ED ˭ MODIFIER LETTER UNASPIRATED

Other modifier letter

02EE ˮ MODIFIER LETTER DOUBLE APOSTROPHE
• Nenets

UPA modifiers

02EF ˯ MODIFIER LETTER LOW DOWN ARROWHEAD

02F0 ˰ MODIFIER LETTER LOW UP ARROWHEAD

02F1 ˱ MODIFIER LETTER LOW LEFT ARROWHEAD

02F2 ˲ MODIFIER LETTER LOW RIGHT ARROWHEAD

02F3 ˳ MODIFIER LETTER LOW RING

02F4 ˴ MODIFIER LETTER MIDDLE GRAVE ACCENT

02F5 ˵ MODIFIER LETTER MIDDLE DOUBLE GRAVE ACCENT

02F6 ˶ MODIFIER LETTER MIDDLE DOUBLE ACUTE ACCENT

02F7 ˷ MODIFIER LETTER LOW TILDE

02F8 ˸ MODIFIER LETTER RAISED COLON

02F9 ˹ MODIFIER LETTER BEGIN HIGH TONE

02FA ˺ MODIFIER LETTER END HIGH TONE

02FB ˻ MODIFIER LETTER BEGIN LOW TONE

02FC ˼ MODIFIER LETTER END LOW TONE

02FD ˽ MODIFIER LETTER SHELF

02FE ˾ MODIFIER LETTER OPEN SHELF

02FF ˿ MODIFIER LETTER LOW LEFT ARROW