## **Phonetic Extensions Supplement**

Range: 1D80-1DBF

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 7.0* 

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-7.0/ for charts showing only the characters added in Unicode 7.0. See http://www.unicode.org/Public/7.0.0/charts/ for a complete archived file of character code charts for Unicode 7.0.

## Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 7.0 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 file, please consult the appropriate sections of The Unicode Standard, Version 7.0, online at http://www.unicode.org/versions/Unicode7.0.0/, 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**

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.

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

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	1D8	1D9	1DA	1DB
0	b	$\mathfrak{a}$	f	N
	1D80	1D90	1DA0	1DB0
1	d	q	J	θ
	1D81	1D91	1DA1	1DB1
2	f	e.	g	ф
	1D82	1D92	1DA2	1DB2
3	$g_{J}$	દ્	Ч	Ş
	1D83	1D93	1DA3	1DB3
4	ķ	<b>3</b>	i	$\int$
	1D84	1D94	1DA4	1DB4
5	1 1	$\Theta_{\!\scriptscriptstyle ar{f l}}$	ι	ţ
	1D85	1D95	1DA5	1DB5
6	m	į	I	u
	1D86	1D96	1DA6	1DB6
7	ŋ	<b>?</b>	Ŧ	υ
	1D87	1D97	1DA7	1DB7
8	$\mathbf{p} \mid \mathcal{J}$		j	U
	1D88	1D98	1DA8	1DB8
9	ŗ	u	l	υ
	1D89	1D99	1DA9	1DB9
Α	S	3	ļ	Λ
	1D8A	1D9A	1DAA	1DBA
В	£	D	L	Z
	1D8B	1D9B	1DAB	1DBB
С	У	c	ŋ	Z,
	1D8C	1D9C	1DAC	1DBC
D	X,	Ç	щ	<b>Z</b>
	1D8D	1D9D	1DAD	1DBD
Ε	Z	ð	ŋ	3
	1D8E	1D9E	1DAE	1DBE
F	a	3	η	θ
	1D8F	1D9F	1DAF	1DBF

Latin letters with palatal hook Modifier letters					
An additional letter with palatal hook is found in another		Other modifier letters can be found in the Spacing Modifier			
block.		Letters, Phonetic Extensions, as well as Superscripts and Subscripts blocks.			
$\rightarrow$ 01AB $\mathfrak{t}$ latin small letter $\mathfrak{t}$ with palatal hook		ripts <sub>D</sub>			
1D80 b LATIN SMALL LETTER B WITH PALATAL HOOK	1D9B	b	MODIFIER LETTER SMALL TURNED ALPHA		
1D81 d LATIN SMALL LETTER D WITH PALATAL HOOK	1D9C	c	≈ <super> 0252 v MODIFIER LETTER SMALL C</super>		
1D82 f LATIN SMALL LETTER F WITH PALATAL HOOK 1D83 q, LATIN SMALL LETTER G WITH PALATAL HOOK	1030		$\approx$ <super> 0063 c</super>		
1D83 g. LATIN SMALL LETTER G WITH PALATAL HOOK 1D84 k LATIN SMALL LETTER K WITH PALATAL HOOK	1D9D	ç	MODIFIER LETTER SMALL C WITH CURL		
1D85 1 LATIN SMALL LETTER L WITH PALATAL HOOK	.202		$\approx$ <super> 0255 <math>c</math></super>		
1D86 m LATIN SMALL LETTER M WITH PALATAL HOOK	1D9E	ð	MODIFIER LETTER SMALL ETH		
1D87 n LATIN SMALL LETTER N WITH PALATAL HOOK			$\approx$ <super> 00F0 <math>\eth</math></super>		
1D88 g LATIN SMALL LETTER P WITH PALATAL HOOK	1D9F	3	MODIFIER LETTER SMALL REVERSED OPEN E		
1D89 g LATIN SMALL LETTER R WITH PALATAL HOOK	4040	f	$\approx$ <super> 025C 3</super>		
1D8A § LATIN SMALL LETTER S WITH PALATAL HOOK	1DA0	1	MODIFIER LETTER SMALL F		
1D8B ∫ LATIN SMALL LETTER ESH WITH PALATAL	1DA1	J	≈ <super> 0066 f MODIFIER LETTER SMALL DOTLESS J WITH</super>		
HOOK  1D8C v LATIN SMALL LETTER V WITH PALATAL HOOK	IDAI		STROKE		
1D8C y LATIN SMALL LETTER V WITH PALATAL HOOK 1D8D x LATIN SMALL LETTER X WITH PALATAL HOOK			$\approx$ <super> 025F <math>\mathfrak{z}</math></super>		
1D8E z LATIN SMALL LETTER Z WITH PALATAL HOOK	1DA2	g	MODIFIER LETTER SMALL SCRIPT G		
Latin letters with retroflex hook			$\approx$ <super> 0261 g</super>		
IPA recommends transcribing vowels with r-coloring	1DA3	Ч	MODIFIER LETTER SMALL TURNED H		
(rhoticity) with the rhotic hook instead.	1DA4	i	≈ <super> 0265 ų MODIFIER LETTER SMALL I WITH STROKE</super>		
→ 02DE ~ modifier letter rhotic hook	IDA4		$\approx$ <super> 0268 <math>\frac{1}{4}</math></super>		
Additional letters with retroflex hook are found in other	1DA5	ι	MODIFIER LETTER SMALL IOTA		
blocks.	15/10		$\approx$ <super> 0269 t</super>		
ightarrow 01AE $T$ latin capital letter t with retroflex hook	1DA6	I	MODIFIER LETTER SMALL CAPITAL I		
$ ightarrow$ 0256 $ extbf{d}$ latin small letter d with tail			• not for use in UPA		
→ 026D   latin small letter I with retroflex hook			$ ightarrow$ 1D35 $^{\rm I}$ modifier letter capital i		
$ ightarrow$ 0273 $\eta$ latin small letter n with retroflex hook		ŧ	≈ <super> 026A I</super>		
$ ightarrow$ 027B $ m  extbf{1}$ latin small letter turned r with hook		•	MODIFIER LETTER SMALL CAPITAL I WITH STROKE		
$ ightarrow$ 027D $\mathfrak r$ latin small letter r with tail			$\approx$ <super> 1D7B •</super>		
$\rightarrow$ 0282 § latin small letter s with hook		j	MODIFIER LETTER SMALL J WITH CROSSED-		
$\rightarrow$ 0285 $\upbeta$ latin small letter squat reversed esh $\rightarrow$ 0288 $\upbeta$ latin small letter t with retroflex hook			TAIL		
$\rightarrow$ 0280 $\mathbf{c}$ latin small letter z with retroflex hook		1	$\approx$ <super> 029D j</super>		
$\rightarrow$ 02AF $\psi$ latin small letter turned h with fishhook and tail		l	MODIFIER LETTER SMALL L WITH RETROFLEX HOOK		
1D8F a LATIN SMALL LETTER A WITH RETROFLEX			$\approx$ <super> 026D [</super>		
HOOK	1DAA	ļ	MODIFIER LETTER SMALL L WITH PALATAL		
1D90 q. LATIN SMALL LETTER ALPHA WITH RETROFLEX			HOOK		
HOOK	4040		$\approx$ <super> 1D85 \( \frac{1}{2} \)</super>		
1D91 ( LATIN SMALL LETTER D WITH HOOK AND TAIL 1D92 e LATIN SMALL LETTER E WITH RETROFLEX	1DAB	L	MODIFIER LETTER SMALL CAPITAL L • not for use in UPA		
HOOK			→ 1D38 <sup>L</sup> modifier letter capital l		
1D93 ε LATIN SMALL LETTER OPEN E WITH RETROFLEX			$\approx$ <super> 029F L</super>		
HOOK	1DAC	ŋ	MODIFIER LETTER SMALL M WITH HOOK		
1D94 a LATIN SMALL LETTER REVERSED OPEN E WITH RETROFLEX HOOK			$\approx$ <super> 0271 m</super>		
→ 025D 3 latin small letter reversed open e with	1DAD	щ	MODIFIER LETTER SMALL TURNED M WITH		
hook	•		LONG LEG		
1D95 ə <sub>L</sub> LATIN SMALL LETTER SCHWA WITH RETROFLEX	1DAE	n	≈ <super> 0270 tq MODIFIER LETTER SMALL N WITH LEFT HOOK</super>		
HOOK	IDITE		$\approx$ <super> 0272 <math>\mathbf{n}</math></super>		
→ 025A & latin small letter schwa with hook  1D96 i LATIN SMALL LETTER I WITH RETROFLEX HOOK	1DAF	η	MODIFIER LETTER SMALL N WITH RETROFLEX		
1D96 i LATIN SMALL LETTER I WITH RETROFLEX HOOK 1D97 p LATIN SMALL LETTER OPEN O WITH			HOOK		
RETROFLEX HOOK	4000	N	$\approx$ <super> 0273 <math>\eta</math></super>		
1D98   ∫ LATIN SMALL LETTER ESH WITH RETROFLEX	1DB0	N	MODIFIER LETTER SMALL CAPITAL N • not for use in UPA		
HOOK			→ 1D3A <sup>N</sup> modifier letter capital n		
1D99     ų     LATIN SMALL LETTER U WITH RETROFLEX HOOK			$\approx$ <super> 0274 <b>N</b></super>		
1D9A 3 LATIN SMALL LETTER EZH WITH RETROFLEX	1DB1	Θ	MODIFIER LETTER SMALL BARRED O		
HOOK			$\approx$ <super> 0275 <math>\Theta</math></super>		

1DB2	Φ	MODIFIER LETTER SMALL PHI
		$\approx$ <super> 0278 <math>\phi</math></super>
1DB3	Ş	MODIFIER LETTER SMALL S WITH HOOK
		$\approx$ <super> 0282 <math>\S</math></super>
1DB4	ſ	MODIFIER LETTER SMALL ESH
		≈ <super> 0283 ∫</super>
1DB5	ţ	MODIFIER LETTER SMALL T WITH PALATAL HOOK
		$\approx$ <super> 01AB <math>\mathfrak{t}</math></super>
1DB6	u	MODIFIER LETTER SMALL U BAR
		≈ <super> 0289 <b>u</b></super>
1DB7	υ	MODIFIER LETTER SMALL UPSILON
		$\approx$ <super> 028A <math>\sigma</math></super>
1DB8	U	MODIFIER LETTER SMALL CAPITAL U
		• not for use in UPA
		$ ightarrow$ 1D41 $^{ m U}$ modifier letter capital u
		≈ <super> 1D1C v</super>
1DB9	υ	MODIFIER LETTER SMALL V WITH HOOK
4004		≈ <super> 028B v</super>
1DBA	Λ	MODIFIER LETTER SMALL TURNED V
4000	~	≈ <super> 028C ∧</super>
1DBB	Z	MODIFIER LETTER SMALL Z
4000	~	$\approx$ <super> 007A z</super>
1DBC	Z,	MODIFIER LETTER SMALL Z WITH RETROFLEX HOOK
		$\approx$ <super> 0290 <b>z</b></super>
1DBD	Z	MODIFIER LETTER SMALL Z WITH CURL
		$\approx$ <super> 0291 <b>z</b></super>
1DBE	3	MODIFIER LETTER SMALL EZH
	0	$\approx$ <super> 0292 3</super>
1DBF	θ	MODIFIER LETTER SMALL THETA
		pprox <super> 03B8 <math> heta</math></super>