## Alphabetic Presentation Forms

Range: FB00-FB4F

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 5.0.* 

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-5.0/ for charts showing only the characters added in Unicode 5.0.

See http://www.unicode.org/Public/5.0.0/charts/ for a complete archived file of character code charts for Unicode 5.0.

## Disclaimer

These charts are provided as the on-line reference to the character contents of the Unicode Standard, Version 5.0 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 5.0 (ISBN 0-321-48091-0), online at http://www.unicode.org/versions/Unicode5.0.0/, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, and #34, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available on-line.

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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	FB0	FB1	FB2	FB3	FB4
0	ff FB00		<b>5</b> 7	<b>X</b> FB30	<b>1</b>
1	fi FB01		FB21	FB31	<b>D</b>
2	fl FB02		FB22	<b>3</b>	
3	ffi FB03	FB13	FB23	FB33	FB43
4	₩ FB04	<b>II</b>	FB24	FB34	<b>5</b>
5	fb05	FB15	<b>FB25</b>	FB35	
6	St FB06	<b>1</b> 211 FB16	FB26	• <b>T</b>	<b>₹</b> FB46
7		Щи FB17	FB27		P FB47
8			FB28	<b>1</b> 0	FB48
9			<b></b> FB29	. <b>5</b>	FB49
Α			<b>ZŻ</b> FB2A	FB3A	FB4A
В			Ż	⊃	<b>†</b> FB4B
С			FB2B	FB3B <b>&gt;</b> FB3C	<b>5</b>
D		•	FB2C		Ų
E		FB1D	FB2D <b>X</b>	מ	FB4D
F		FB1E  22  FB1F	FB2E	FB3E	FB4E FB4F
	,,,,,,,	1011	1 041		1.041

Latin ligatures	FB2B	Ü	HEBREW LETTER SHIN WITH SIN DOT
See the Basic Latin block starting at 0020		ΖŻ	≡ 05E9 ♥ 05C2 ∵
FB00 ff LATIN SMALL LIGATURE FF	FB2C	W	HEBREW LETTER SHIN WITH DAGESH AND SHIN DOT
$\approx 0066 \text{ f } 0066 \text{ f}$			<b>≡</b> FB49 <b>₩</b> 05C1 ○
FB01 fi LATIN SMALL LIGATURE FI	FB2D	W	HEBREW LETTER SHIN WITH DAGESH AND SIN
≈ 0066 f 0069 i FB02 fl LATIN SMALL LIGATURE FL			DOT
FB02 fl LATIN SMALL LIGATURE FL $\approx 0066 \text{ f } 006\text{ C l}$	EDOE	.,	≡ FB49 ₩ 05C2 °
FB03 ffi LATIN SMALL LIGATURE FFI	FB2E	Ň	HEBREW LETTER ALEF WITH PATAH
≈ 0066 f 0066 f 0069 i	EDAE		= 05D0 <b>X</b> 05B7 ♀
FB04 ffl LATIN SMALL LIGATURE FFL	FB2F	Ķ	HEBREW LETTER ALEF WITH QAMATS ≡ 05D0 <b>X</b> 05B8 ♀
≈ 0066 f 0066 f 006C l	FB30	×	= 03D0 K 03B8 ♥ HEBREW LETTER ALEF WITH MAPIQ
FB05 ft LATIN SMALL LIGATURE LONG S T	ГБЗО	Ķ	= 05D0
$\approx 017$ F f 0074 t	FB31	⊇	HEBREW LETTER BET WITH DAGESH
FB06 st Latin small ligature st	1 001	_	= 05D1 ☐ 05BC ⊙
$\approx 0073 \text{ s} \ 0074 \text{ t}$	FB32	ì	HEBREW LETTER GIMEL WITH DAGESH
Armonian ligatures	1 002	-	$\equiv$ 05D2 \$\frac{1}{3}\$ 05BC $\circ$
Armenian ligatures	FB33	7	HEBREW LETTER DALET WITH DAGESH
See the Armenian block starting at 0530	. 500	•	= 05D3 <b>7</b> 05BC ⊙
FB13 The ARMENIAN SMALL LIGATURE MEN NOW	FB34	ī	HEBREW LETTER HE WITH MAPIQ
≈ 0574 if 0576 <b>i</b> i		• •	≡ 05D4 7 05BC ⊙
FB14 de ARMENIAN SMALL LIGATURE MEN ECH	FB35	וּ	HEBREW LETTER VAV WITH DAGESH
≈ 0574 \$\mathred{s}\$ 0565 \$\mathred{t}\$			≡ 05D5 1 05BC ⊙
FB15 In ARMENIAN SMALL LIGATURE MEN INI	FB36	٦٠.	HEBREW LETTER ZAYIN WITH DAGESH
≈ 0574 \$\mathcal{u}\$ 056B \$\mu\$ FB16 \$\mathcal{u}\$ ARMENIAN SMALL LIGATURE VEW NOW			≡ 05D6 1 05BC ⊙
FB16 $\eta_{L}$ ARMENIAN SMALL LIGATURE VEW NOW $\approx 057E \ \mu \ 0576 \ \Sigma$	FB37	© ©	<reserved></reserved>
FB17 4/1 ARMENIAN SMALL LIGATURE MEN XEH	FB38	0	HEBREW LETTER TET WITH DAGESH
$\approx 0574 \text{ if } 056D \text{ fu}$			≡ 05D8 🖸 05BC ⊙
030D [L	FB39	.5	HEBREW LETTER YOD WITH DAGESH
Hebrew presentation forms			$\equiv 05D9$ • 05BC $\odot$
See the Hebrew block starting at 0590	FB3A	٦	HEBREW LETTER FINAL KAF WITH DAGESH
FB1D ? HEBREW LETTER YOD WITH HIRIQ	<b>ED</b> 00	_	$\equiv 05DA \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$
= 05D9 <b>5</b> 05B4 ♀	FB3B	⋽	HEBREW LETTER KAF WITH DAGESH
FB1E O HEBREW POINT JUDEO-SPANISH VARIKA	FB3C	ځ	≡ 05DB Ͻ 05BC ⊙
• a glyph variant of 05BF $\bar{\circ}$	FB3C	7	HEBREW LETTER LAMED WITH DAGESH ≡ 05DC 7 05BC ⊙
FB1F " HEBREW LIGATURE YIDDISH YOD YOD PATAH	FB3D		<pre><reserved></reserved></pre>
= 05F2 *** 05B7 ♀	FB3E		HEBREW LETTER MEM WITH DAGESH
FB20 D HEBREW LETTER ALTERNATIVE AYIN	. 202		≡ 05DE α 05BC ⊙
• this form of AYIN has no descender, for use	FB3F		<reserved></reserved>
with marks placed below the letter $\approx < \text{font} > 05E2 \ \mathcal{Y}$ hebrew letter ayin	FB40	1	HEBREW LETTER NUN WITH DAGESH
FB21 X HEBREW LETTER WIDE ALEF			<b>≡</b> 05E0 <b>1</b> 05BC ⊙
≈ < font> 05D0 % hebrew letter alef	FB41	Ō	HEBREW LETTER SAMEKH WITH DAGESH
FB22 7 HEBREW LETTER WIDE DALET			$\equiv 05E1 \ D \ 05BC \odot$
$\approx$ <font> 05D3 7 hebrew letter dalet</font>	FB42		<reserved></reserved>
FB23 7 HEBREW LETTER WIDE HE	FB43	5]	HEBREW LETTER FINAL PE WITH DAGESH
$\approx$ <font> 05D4 <math>\overrightarrow{1}</math> hebrew letter he</font>	<b>ED 44</b>	_	≡ 05E3 7 05BC ⊙
FB24 D HEBREW LETTER WIDE KAF	FB44	Ð	HEBREW LETTER PE WITH DAGESH
≈ <font> 05DB <math>\supset</math> hebrew letter kaf</font>		_	≡ 05E4 <b>5</b> 05BC ⊙
FB25 7 HEBREW LETTER WIDE LAMED	ED4E	V/N	
	FB45		<pre><reserved> HEDDEW LETTED TO ADJ WITH DACESH</reserved></pre>
$\approx$ <font> 05DC 7 hebrew letter lamed</font>	FB45 FB46	<u>z.</u>	HEBREW LETTER TSADI WITH DAGESH
FB26  HEBREW LETTER WIDE FINAL MEM	FB46	<u>z</u>	HEBREW LETTER TSADI WITH DAGESH ≡ 05E6 <b>¥</b> 05BC ⊙
FB26 ☐ HEBREW LETTER WIDE FINAL MEM  ≈ <font> 05DD ☐ hebrew letter final mem</font>			HEBREW LETTER TSADI WITH DAGESH ≡ 05E6 ¥ 05BC ⊙ HEBREW LETTER QOF WITH DAGESH
FB26 ☐ HEBREW LETTER WIDE FINAL MEM	FB46 FB47	z P	HEBREW LETTER TSADI WITH DAGESH ≡ 05E6 ☎ 05BC ○ HEBREW LETTER QOF WITH DAGESH ≡ 05E7 ₱ 05BC ○
FB26 ☐ HEBREW LETTER WIDE FINAL MEM	FB46	<u>z</u>	HEBREW LETTER TSADI WITH DAGESH ≡ 05E6 ☎ 05BC ○ HEBREW LETTER QOF WITH DAGESH ≡ 05E7 ₱ 05BC ○ HEBREW LETTER RESH WITH DAGESH
FB26 ☐ HEBREW LETTER WIDE FINAL MEM	FB46 FB47 FB48	z P	HEBREW LETTER TSADI WITH DAGESH $\equiv$ 05E6 $\stackrel{\checkmark}{\mathbf{Z}}$ 05BC $\odot$ HEBREW LETTER QOF WITH DAGESH $\equiv$ 05E7 $\stackrel{?}{\mathbf{P}}$ 05BC $\odot$ HEBREW LETTER RESH WITH DAGESH $\equiv$ 05E8 $\stackrel{?}{\mathbf{Z}}$ 05BC $\odot$
FB26 ☐ HEBREW LETTER WIDE FINAL MEM	FB46 FB47	<b>器</b> 同 可	HEBREW LETTER TSADI WITH DAGESH ≡ 05E6 ☎ 05BC ☉ HEBREW LETTER QOF WITH DAGESH ≡ 05E7 ७ 05BC ☉ HEBREW LETTER RESH WITH DAGESH ≡ 05E8 ¬ 05BC ☉ HEBREW LETTER SHIN WITH DAGESH
FB26 ☐ HEBREW LETTER WIDE FINAL MEM  ≈ <font> 05DD ☐ hebrew letter final mem  FB27 ☐ HEBREW LETTER WIDE RESH  ≈ <font> 05E8 ☐ hebrew letter resh  FB28 ☐ HEBREW LETTER WIDE TAV  ≈ <font> 05EA ☐ hebrew letter tav  FB29 ☐ HEBREW LETTER ALTERNATIVE PLUS SIGN</font></font></font>	FB46 FB47 FB48	<b>器</b> 同 可	HEBREW LETTER TSADI WITH DAGESH $\equiv 05E6$ $\stackrel{\checkmark}{\mathbf{Z}}$ $05BC$ $\circ$ HEBREW LETTER QOF WITH DAGESH $\equiv 05E7$ $\stackrel{?}{\cancel{>}}$ $05BC$ $\circ$ HEBREW LETTER RESH WITH DAGESH $\equiv 05E8$ $\stackrel{?}{\cancel{>}}$ $05BC$ $\circ$ HEBREW LETTER SHIN WITH DAGESH $\equiv 05E9$ $\stackrel{\checkmark}{\cancel{>}}$ $05BC$ $\circ$
FB26 ☐ HEBREW LETTER WIDE FINAL MEM	FB46 FB47 FB48 FB49	<b>ヹ</b> マ マ で	HEBREW LETTER TSADI WITH DAGESH ≡ 05E6 ☎ 05BC ☉ HEBREW LETTER QOF WITH DAGESH ≡ 05E7 ७ 05BC ☉ HEBREW LETTER RESH WITH DAGESH ≡ 05E8 ¬ 05BC ☉ HEBREW LETTER SHIN WITH DAGESH
FB26 ☐ HEBREW LETTER WIDE FINAL MEM  ≈ <font> 05DD ☐ hebrew letter final mem  FB27 ☐ HEBREW LETTER WIDE RESH  ≈ <font> 05E8 ☐ hebrew letter resh  FB28 ☐ HEBREW LETTER WIDE TAV  ≈ <font> 05EA ☐ hebrew letter tav  FB29 ☐ HEBREW LETTER ALTERNATIVE PLUS SIGN  ≈ <font> 002B + plus sign</font></font></font></font>	FB46 FB47 FB48 FB49	<b>ヹ</b> マ マ で	HEBREW LETTER TSADI WITH DAGESH $\equiv 05E6$ $\stackrel{\checkmark}{\mathbf{Z}}$ $05BC$ $\odot$ HEBREW LETTER QOF WITH DAGESH $\equiv 05E7$ $\stackrel{?}{\nearrow}$ $05BC$ $\odot$ HEBREW LETTER RESH WITH DAGESH $\equiv 05E8$ $\stackrel{?}{\lnot}$ $05BC$ $\odot$ HEBREW LETTER SHIN WITH DAGESH $\equiv 05E9$ $\stackrel{?}{\cancel{U}}$ $05BC$ $\odot$ HEBREW LETTER TAV WITH DAGESH
FB26 ☐ HEBREW LETTER WIDE FINAL MEM  ≈ <font> 05DD ☐ hebrew letter final mem  FB27 ☐ HEBREW LETTER WIDE RESH  ≈ <font> 05E8 ☐ hebrew letter resh  FB28 ☐ HEBREW LETTER WIDE TAV  ≈ <font> 05EA ☐ hebrew letter tav  FB29 ☐ HEBREW LETTER ALTERNATIVE PLUS SIGN  ≈ <font> 002B + plus sign  FB2A ☑ HEBREW LETTER SHIN WITH SHIN DOT</font></font></font></font>	FB46 FB47 FB48 FB49 FB4A	. ת מי י ת	HEBREW LETTER TSADI WITH DAGESH  ■ 05E6 ¥ 05BC ○  HEBREW LETTER QOF WITH DAGESH  ■ 05E7 7 05BC ○  HEBREW LETTER RESH WITH DAGESH  ■ 05E8 7 05BC ○  HEBREW LETTER SHIN WITH DAGESH  ■ 05E9 ♥ 05BC ○  HEBREW LETTER TAV WITH DAGESH  ■ 05EA ↑ 05BC ○

- FB4C ☐ HEBREW LETTER BET WITH RAFE = 05D1 ☐ 05BF ○
- FB4D  $\bar{\supset}$  HEBREW LETTER KAF WITH RAFE  $\equiv 05 \mathrm{DB} \; \bar{\supset} \; 05 \mathrm{BF} \; \bar{\bigcirc}$
- FB4E  $\tilde{\mathbf{D}}$  HEBREW LETTER PE WITH RAFE  $\equiv 05E4 \; \tilde{\mathbf{D}} \; 05BF \; \tilde{\mathbf{O}}$
- FB4F ₹ HEBREW LIGATURE ALEF LAMED ≈ 05D0 ℜ 05DC 7