

## **Cyrillic**

**Range: 0400–04FF**

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 13.0*

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*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-13.0/> for charts showing only the characters added in Unicode 13.0.  
See <http://www.unicode.org/Public/13.0.0/charts/> for a complete archived file of character code charts for Unicode 13.0.

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These charts are provided as the online reference to the character contents of the Unicode Standard, Version 13.0 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 13.0, online at <http://www.unicode.org/versions/Unicode13.0.0/>, 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.

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

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	040	041	042	043	044	045	046	047	048	049	04A	04B	04C	04D	04E	04F
0	È 0400	А 0410	Р 0420	а 0430	р 0440	è 0450	Ѡ 0460	Ѳ 0470	Ѵ 0480	Г 0490	К 04A0	У 04B0	І 04C0	Ǻ 04D0	З 04E0	ÿ 04F0
1	Ё 0401	Б 0411	С 0421	б 0431	с 0441	ё 0451	ѡ 0461	ѳ 0471	ѵ 0481	г 0491	к 04A1	у 04B1	Ж 04C1	ǻ 04D1	з 04E1	ÿ 04F1
2	Ђ 0402	В 0412	Т 0422	в 0432	т 0442	ђ 0452	Ѣ 0462	Ѧ 0472	Ѱ 0482	Ғ 0492	Ҥ 04A2	Х 04B2	Ж 04C2	Ǻ 04D2	Й 04E2	Ў 04F2
3	Ґ 0403	Г 0413	У 0423	г 0433	у 0443	ѓ 0453	ѣ 0463	ѧ 0473	ѱ 0483	ғ 0493	ҥ 04A3	х 04B3	Қ 04C3	ǻ 04D3	й 04E3	ў 04F3
4	Є 0404	Д 0414	Ф 0424	д 0434	ф 0444	є 0454	Ю 0464	Ѳ 0474	Ѵ 0484	Б 0494	Н 04A4	Ц 04B4	Қ 04C4	Æ 04D4	Й 04E4	Ї 04F4
5	Ɔ 0405	Е 0415	Х 0425	е 0435	х 0445	Ɔ 0455	Ю 0465	Ѳ 0475	Ѵ 0485	Б 0495	Н 04A5	Ц 04B5	Л 04C5	æ 04D5	й 04E5	Ї 04F5
6	І 0406	Ж 0416	Ц 0426	ж 0436	ц 0446	і 0456	А 0466	Ѵ 0476	Ѵ 0486	Ж 0496	Ѓ 04A6	Ч 04B6	Л 04C6	Ё 04D6	Ö 04E6	Г 04F6
7	Ї 0407	З 0417	Ч 0427	з 0437	ч 0447	ї 0457	А 0467	Ѵ 0477	Ѵ 0487	Ж 0497	Ѓ 04A7	Ч 04B7	Н 04C7	ё 04D7	ö 04E7	г 04F7
8	Ј 0408	И 0418	Ш 0428	и 0438	ш 0448	ј 0458	Ѧ 0468	Ѳ 0478	Ѵ 0488	З 0498	Ѳ 04A8	Ч 04B8	Н 04C8	Э 04D8	Ө 04E8	Ї 04F8
9	Љ 0409	Й 0419	Щ 0429	й 0439	щ 0449	љ 0459	Ѧ 0469	Ѳ 0479	Ѵ 0489	З 0499	Ѳ 04A9	Ч 04B9	Н 04C9	э 04D9	ө 04E9	ї 04F9
A	Њ 040A	К 041A	Ъ 042A	к 043A	ъ 044A	њ 045A	Ѧ 046A	Ѳ 047A	Ѵ 048A	К 049A	д 04AA	Һ 04BA	Ң 04CA	Э 04DA	Ө 04EA	Ғ 04FA
B	Ѣ 040B	Л 041B	Ы 042B	л 043B	ы 044B	ѣ 045B	Ѧ 046B	Ѳ 047B	Ѵ 048B	Қ 049B	д 04AB	Һ 04BB	Ч 04CB	э 04DB	ө 04EB	Ғ 04FB
C	Ќ 040C	М 041C	Ь 042C	м 043C	ь 044C	ќ 045C	Ѧ 046C	Ѳ 047C	Ѵ 048C	К 049C	Т 04AC	Є 04BC	Ч 04CC	Ж 04DC	Э 04EC	Х 04FC
D	Й 040D	Н 041D	Э 042D	н 043D	э 044D	й 045D	Ѧ 046D	Ѳ 047D	Ѵ 048D	К 049D	Т 04AD	Є 04BD	М 04CD	Ж 04DD	э 04ED	х 04FD
E	Ў 040E	О 041E	Ю 042E	о 043E	ю 044E	ў 045E	Ѧ 046E	Ѳ 047E	Ѵ 048E	Р 049E	К 04AE	У 04BE	Є 04CE	М 04DE	Э 04EE	Ў 04FE
F	Ц 040F	П 041F	Я 042F	п 043F	я 044F	ц 045F	Ѧ 046F	Ѳ 047F	Ѵ 048F	Р 049F	К 04AF	У 04BF	Є 04CF	І 04DF	Э 04EF	Ж 04FF

**Cyrillic extensions**

0400	È	CYRILLIC CAPITAL LETTER IE WITH GRAVE ≡ 0415 È 0300 ò
0401	Ë	CYRILLIC CAPITAL LETTER IO ≡ 0415 È 0308 ö
0402	Ђ	CYRILLIC CAPITAL LETTER DJE
0403	Ѓ	CYRILLIC CAPITAL LETTER GJE ≡ 0413 Г 0301 ó
0404	Є	CYRILLIC CAPITAL LETTER UKRAINIAN IE
0405	Ѕ	CYRILLIC CAPITAL LETTER DZE
0406	І	CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I → 0049 I latin capital letter i → 0456 і cyrillic small letter byelorussian-ukrainian i → 04C0 I cyrillic letter palochka
0407	Ї	CYRILLIC CAPITAL LETTER YI ≡ 0406 I 0308 ö
0408	Ј	CYRILLIC CAPITAL LETTER JE
0409	Љ	CYRILLIC CAPITAL LETTER LJE
040A	Њ	CYRILLIC CAPITAL LETTER NJE
040B	Ѡ	CYRILLIC CAPITAL LETTER TSHE
040C	Ѣ	CYRILLIC CAPITAL LETTER KJE ≡ 041A К 0301 ó
040D	Ѥ	CYRILLIC CAPITAL LETTER I WITH GRAVE ≡ 0418 И 0300 ò
040E	Ѧ	CYRILLIC CAPITAL LETTER SHORT U ≡ 0423 У 0306 ѳ
040F	Ѣ	CYRILLIC CAPITAL LETTER DZHE

**Basic Russian alphabet**

0410	А	CYRILLIC CAPITAL LETTER A
0411	Б	CYRILLIC CAPITAL LETTER BE → 0183 Б latin small letter b with topbar
0412	В	CYRILLIC CAPITAL LETTER VE
0413	Г	CYRILLIC CAPITAL LETTER GHE
0414	Д	CYRILLIC CAPITAL LETTER DE
0415	Е	CYRILLIC CAPITAL LETTER IE
0416	Ж	CYRILLIC CAPITAL LETTER ZHE
0417	З	CYRILLIC CAPITAL LETTER ZE
0418	И	CYRILLIC CAPITAL LETTER I
0419	Й	CYRILLIC CAPITAL LETTER SHORT I ≡ 0418 И 0306 ѳ
041A	К	CYRILLIC CAPITAL LETTER KA
041B	Л	CYRILLIC CAPITAL LETTER EL
041C	М	CYRILLIC CAPITAL LETTER EM
041D	Н	CYRILLIC CAPITAL LETTER EN
041E	О	CYRILLIC CAPITAL LETTER O
041F	П	CYRILLIC CAPITAL LETTER PE
0420	Р	CYRILLIC CAPITAL LETTER ER
0421	С	CYRILLIC CAPITAL LETTER ES
0422	Т	CYRILLIC CAPITAL LETTER TE
0423	У	CYRILLIC CAPITAL LETTER U → 0478 Uy cyrillic capital letter uk → 04AF у cyrillic small letter straight u → A64A Ѥ cyrillic capital letter monograph uk
0424	Ф	CYRILLIC CAPITAL LETTER EF
0425	Х	CYRILLIC CAPITAL LETTER HA
0426	Ц	CYRILLIC CAPITAL LETTER TSE
0427	Ч	CYRILLIC CAPITAL LETTER CHE
0428	Ш	CYRILLIC CAPITAL LETTER SHA
0429	Щ	CYRILLIC CAPITAL LETTER SHCHA
042A	Ъ	CYRILLIC CAPITAL LETTER HARD SIGN

042B	Ы	CYRILLIC CAPITAL LETTER YERU
042C	Ь	CYRILLIC CAPITAL LETTER SOFT SIGN
042D	Э	CYRILLIC CAPITAL LETTER E
042E	Ю	CYRILLIC CAPITAL LETTER YU
042F	Я	CYRILLIC CAPITAL LETTER YA
0430	а	CYRILLIC SMALL LETTER A
0431	б	CYRILLIC SMALL LETTER BE
0432	в	CYRILLIC SMALL LETTER VE
0433	г	CYRILLIC SMALL LETTER GHE
0434	д	CYRILLIC SMALL LETTER DE
0435	е	CYRILLIC SMALL LETTER IE
0436	ж	CYRILLIC SMALL LETTER ZHE
0437	з	CYRILLIC SMALL LETTER ZE
0438	и	CYRILLIC SMALL LETTER I
0439	й	CYRILLIC SMALL LETTER SHORT I ≡ 0438 и 0306 ѳ
043A	к	CYRILLIC SMALL LETTER KA
043B	л	CYRILLIC SMALL LETTER EL
043C	м	CYRILLIC SMALL LETTER EM
043D	н	CYRILLIC SMALL LETTER EN
043E	о	CYRILLIC SMALL LETTER O
043F	п	CYRILLIC SMALL LETTER PE
0440	р	CYRILLIC SMALL LETTER ER
0441	с	CYRILLIC SMALL LETTER ES
0442	т	CYRILLIC SMALL LETTER TE
0443	у	CYRILLIC SMALL LETTER U
0444	ф	CYRILLIC SMALL LETTER EF
0445	х	CYRILLIC SMALL LETTER HA
0446	ц	CYRILLIC SMALL LETTER TSE
0447	ч	CYRILLIC SMALL LETTER CHE
0448	ш	CYRILLIC SMALL LETTER SHA
0449	щ	CYRILLIC SMALL LETTER SHCHA
044A	ъ	CYRILLIC SMALL LETTER HARD SIGN
044B	ы	CYRILLIC SMALL LETTER YERU → A651 Ы cyrillic small letter yeru with back yer
044C	ь	CYRILLIC SMALL LETTER SOFT SIGN → 0185 ь latin small letter tone six → A64F Ѣ cyrillic small letter neutral yer
044D	э	CYRILLIC SMALL LETTER E
044E	ю	CYRILLIC SMALL LETTER YU → A655 Ѡ cyrillic small letter reversed yu
044F	я	CYRILLIC SMALL LETTER YA

**Cyrillic extensions**

0450	è	CYRILLIC SMALL LETTER IE WITH GRAVE • Macedonian ≡ 0435 e 0300 ò
0451	ë	CYRILLIC SMALL LETTER IO • Russian, ... ≡ 0435 e 0308 ö
0452	ђ	CYRILLIC SMALL LETTER DJE • Serbian → 0111 đ latin small letter d with stroke
0453	ѓ	CYRILLIC SMALL LETTER GJE • Macedonian ≡ 0433 г 0301 ó
0454	є	CYRILLIC SMALL LETTER UKRAINIAN IE = Old Cyrillic yest
0455	ѕ	CYRILLIC SMALL LETTER DZE • Macedonian → A643 ѕ cyrillic small letter dzelo

- 0456 **Ѡ** CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I  
= Old Cyrillic i
- 0457 **ѡ** CYRILLIC SMALL LETTER YI  
• Ukrainian  
≡ 0456 **Ѡ** 0308 **ѡ**
- 0458 **Ѣ** CYRILLIC SMALL LETTER JE  
• Serbian, Azerbaijani, Altay
- 0459 **ѣ** CYRILLIC SMALL LETTER LJE  
• Serbian, Macedonian  
→ 01C9 **Љ** latin small letter lj
- 045A **Ѥ** CYRILLIC SMALL LETTER NJE  
• Serbian, Macedonian  
→ 01CC **њ** latin small letter nj
- 045B **Ѧ** CYRILLIC SMALL LETTER TSHE  
• Serbian  
→ 0107 **ć** latin small letter c with acute  
→ 0127 **ћ** latin small letter h with stroke  
→ 040B **Ѧ** cyrillic capital letter tshe  
→ 210F **ћ** planck constant over two pi  
→ A649 **Ѧ** cyrillic small letter djerv
- 045C **ѧ** CYRILLIC SMALL LETTER KJE  
• Macedonian  
≡ 043A **к** 0301 **ѧ**
- 045D **Ѩ** CYRILLIC SMALL LETTER I WITH GRAVE  
• Macedonian, Bulgarian  
≡ 0438 **и** 0300 **Ѩ**
- 045E **ѩ** CYRILLIC SMALL LETTER SHORT U  
• Byelorussian, Uzbek  
≡ 0443 **у** 0306 **ѩ**
- 045F **Ѫ** CYRILLIC SMALL LETTER DZHE  
• Serbian, Macedonian, Abkhasian  
→ 01C6 **Ѫ** latin small letter dz with caron

**Historic letters**

- 0460 **Ѱ** CYRILLIC CAPITAL LETTER OMEGA
- 0461 **ѱ** CYRILLIC SMALL LETTER OMEGA  
→ A64D **ѱ** cyrillic small letter broad omega
- 0462 **Ѳ** CYRILLIC CAPITAL LETTER YAT
- 0463 **ѳ** CYRILLIC SMALL LETTER YAT  
→ A653 **ѳ** cyrillic small letter iotified yat  
→ AB60 **ѳ** latin small letter sakha yat
- 0464 **Ѵ** CYRILLIC CAPITAL LETTER IOTIFIED E
- 0465 **ѵ** CYRILLIC SMALL LETTER IOTIFIED E  
→ AB61 **ѵ** latin small letter iotified e
- 0466 **Ѷ** CYRILLIC CAPITAL LETTER LITTLE YUS
- 0467 **ѷ** CYRILLIC SMALL LETTER LITTLE YUS  
→ A659 **ѷ** cyrillic small letter closed little yus  
→ A65B **ѷ** cyrillic small letter blended yus
- 0468 **Ѹ** CYRILLIC CAPITAL LETTER IOTIFIED LITTLE YUS
- 0469 **ѹ** CYRILLIC SMALL LETTER IOTIFIED LITTLE YUS  
→ 044F **ѹ** cyrillic small letter ya  
→ A65D **ѹ** cyrillic small letter iotified closed little yus
- 046A **Ѻ** CYRILLIC CAPITAL LETTER BIG YUS
- 046B **ѻ** CYRILLIC SMALL LETTER BIG YUS  
→ A65B **ѻ** cyrillic small letter blended yus
- 046C **Ѽ** CYRILLIC CAPITAL LETTER IOTIFIED BIG YUS
- 046D **ѽ** CYRILLIC SMALL LETTER IOTIFIED BIG YUS
- 046E **Ѿ** CYRILLIC CAPITAL LETTER KSI
- 046F **ѿ** CYRILLIC SMALL LETTER KSI
- 0470 **Ѱ** CYRILLIC CAPITAL LETTER PSI
- 0471 **ѱ** CYRILLIC SMALL LETTER PSI

- 0472 **Ѳ** CYRILLIC CAPITAL LETTER FITA
- 0473 **ѳ** CYRILLIC SMALL LETTER FITA  
→ 0275 **ѳ** latin small letter barred o  
→ 03B8 **ѳ** greek small letter theta
- 0474 **Ѵ** CYRILLIC CAPITAL LETTER IZHITSA
- 0475 **ѵ** CYRILLIC SMALL LETTER IZHITSA
- 0476 **Ѷ** CYRILLIC CAPITAL LETTER IZHITSA WITH DOUBLE GRAVE ACCENT  
≡ 0474 **Ѵ** 030F **Ѷ**
- 0477 **ѷ** CYRILLIC SMALL LETTER IZHITSA WITH DOUBLE GRAVE ACCENT  
≡ 0475 **ѵ** 030F **ѷ**

**Historic digraphs**

*These characters may be rendered as either digraph or monograph forms, with preferred alternative representations.*

- 0478 **Ѳѳ** CYRILLIC CAPITAL LETTER UK  
• for "digraph onik" the preferred spelling is 041E **Ѳ** 0443 **ѳ**  
• for "monograph uk" the preferred character is A64A **Ѳѳ**  
→ 0423 **Ѵ** cyrillic capital letter u
- 0479 **ѵѶ** CYRILLIC SMALL LETTER UK  
• for "digraph onik" the preferred spelling is 043E **ѵ** 0443 **Ѷ**  
• for "monograph uk" the preferred character is A64B **ѵѶ**

**Historic letters**

- 047A **Ѱ** CYRILLIC CAPITAL LETTER ROUND OMEGA
- 047B **ѱ** CYRILLIC SMALL LETTER ROUND OMEGA
- 047C **Ѳ̅** CYRILLIC CAPITAL LETTER OMEGA WITH TITLO  
= Cyrillic "beautiful omega"  
• despite its name, this character does not have a titlo, nor is it composed of an omega plus a diacritic  
→ A64C **Ѳ̅** cyrillic capital letter broad omega
- 047D **ѳ̅** CYRILLIC SMALL LETTER OMEGA WITH TITLO  
→ 1F66 **ѳ̅** greek small letter omega with psili and perispomeni
- 047E **Ѵ̅** CYRILLIC CAPITAL LETTER OT
- 047F **ѵ̅** CYRILLIC SMALL LETTER OT
- 0480 **Ѷ̅** CYRILLIC CAPITAL LETTER KOPPA
- 0481 **ѷ̅** CYRILLIC SMALL LETTER KOPPA

**Historic miscellaneous**

- 0482 **Ѹ̅** CYRILLIC THOUSANDS SIGN
- 0483 **ѹ̅** COMBINING CYRILLIC TITLO  
• not used with titlo letters  
→ A66F **ѹ̅** combining cyrillic vzmet
- 0484 **Ѻ̅** COMBINING CYRILLIC PALATALIZATION  
• not used for kamora  
→ 02BC **Ѻ̅** modifier letter apostrophe  
→ 0311 **Ѻ̅** combining inverted breve
- 0485 **ѻ̅** COMBINING CYRILLIC DASIA PNEUMATA  
→ 0314 **ѻ̅** combining reversed comma above
- 0486 **Ѽ̅** COMBINING CYRILLIC PSILI PNEUMATA  
→ 0313 **Ѽ̅** combining comma above
- 0487 **ѽ̅** COMBINING CYRILLIC POKRYTIE  
• used only with titlo letters  
• also attested in Glagolitic  
→ 0311 **ѽ̅** combining inverted breve  
→ A66F **ѽ̅** combining cyrillic vzmet

0488	☞	COMBINING CYRILLIC HUNDRED THOUSANDS SIGN	04A7	Ӏӑ	CYRILLIC SMALL LETTER PE WITH MIDDLE HOOK
		• use 20DD ☺ for ten thousands sign			• older orthographies for Abkhasian
0489	☞	COMBINING CYRILLIC MILLIONS SIGN	04A8	Ӑ	CYRILLIC CAPITAL LETTER ABKHASIAN HA
		→ A670 ☞ combining cyrillic ten millions sign	04A9	ӑ	CYRILLIC SMALL LETTER ABKHASIAN HA
<b>Extended Cyrillic</b>			04AA	Ӓ	CYRILLIC CAPITAL LETTER ES WITH DESCENDER
048A	Ӏ	CYRILLIC CAPITAL LETTER SHORT I WITH TAIL	04AB	ӓ	CYRILLIC SMALL LETTER ES WITH DESCENDER
048B	Ӂ	CYRILLIC SMALL LETTER SHORT I WITH TAIL			• Bashkir, Chuvash
		• Kildin Sami			• letterforms with right hooks are preferred, although occasional variants with left hooks occur
048C	Ӕ	CYRILLIC CAPITAL LETTER SEMISOFT SIGN			• in Chuvashia, letterforms identical to or similar in form to 00E7 ӗ regularly occur
048D	ӕ	CYRILLIC SMALL LETTER SEMISOFT SIGN	04AC	Ӧ	CYRILLIC CAPITAL LETTER TE WITH DESCENDER
		• Kildin Sami	04AD	ӧ	CYRILLIC SMALL LETTER TE WITH DESCENDER
048E	Ӧ	CYRILLIC CAPITAL LETTER ER WITH TICK			• Abkhasian
048F	ӧ	CYRILLIC SMALL LETTER ER WITH TICK	04AE	Ө	CYRILLIC CAPITAL LETTER STRAIGHT U
		• Kildin Sami	04AF	ө	CYRILLIC SMALL LETTER STRAIGHT U
0490	Ӧ	CYRILLIC CAPITAL LETTER GHE WITH UPTURN			• stem is straight, unlike LETTER U
0491	ӧ	CYRILLIC SMALL LETTER GHE WITH UPTURN			• Azerbaijani, Bashkir, ...
		• Ukrainian			→ 0423 Ӯ cyrillic capital letter u
0492	Ӧ	CYRILLIC CAPITAL LETTER GHE WITH STROKE	04B0	Ӱ	CYRILLIC CAPITAL LETTER STRAIGHT U WITH STROKE
0493	ӧ	CYRILLIC SMALL LETTER GHE WITH STROKE	04B1	ӱ	CYRILLIC SMALL LETTER STRAIGHT U WITH STROKE
		• Azerbaijani, Bashkir, ...			• Kazakh
		• full bar form preferred over half-barred "F"-type	04B2	Ӳ	CYRILLIC CAPITAL LETTER HA WITH DESCENDER
0494	Ӧ	CYRILLIC CAPITAL LETTER GHE WITH MIDDLE HOOK	04B3	ӳ	CYRILLIC SMALL LETTER HA WITH DESCENDER
0495	ӧ	CYRILLIC SMALL LETTER GHE WITH MIDDLE HOOK			• Abkhasian, Tajik, Uzbek
		• Yakut, older orthographies for Abkhasian	04B4	Ӵ	CYRILLIC CAPITAL LIGATURE TE TSE
0496	Ӷ	CYRILLIC CAPITAL LETTER ZHE WITH DESCENDER	04B5	ӵ	CYRILLIC SMALL LIGATURE TE TSE
0497	ӷ	CYRILLIC SMALL LETTER ZHE WITH DESCENDER			• Abkhasian
		• Tatar, ...			• this is not a decomposable ligature
0498	Ӹ	CYRILLIC CAPITAL LETTER ZE WITH DESCENDER	04B6	Ӷ	CYRILLIC CAPITAL LETTER CHE WITH DESCENDER
0499	ӹ	CYRILLIC SMALL LETTER ZE WITH DESCENDER	04B7	ӷ	CYRILLIC SMALL LETTER CHE WITH DESCENDER
		• Bashkir			• Abkhasian, Tajik
		• letterforms with right hooks are preferred, although occasional variants with left hooks occur	04B8	Ӹ	CYRILLIC CAPITAL LETTER CHE WITH VERTICAL STROKE
049A	Ӻ	CYRILLIC CAPITAL LETTER KA WITH DESCENDER	04B9	ӹ	CYRILLIC SMALL LETTER CHE WITH VERTICAL STROKE
049B	ӻ	CYRILLIC SMALL LETTER KA WITH DESCENDER			• Azerbaijani
		• Abkhasian, Tajik, ...	04BA	Ӽ	CYRILLIC CAPITAL LETTER SHHA
049C	Ӽ	CYRILLIC CAPITAL LETTER KA WITH VERTICAL STROKE	04BB	ӽ	CYRILLIC SMALL LETTER SHHA
049D	ӽ	CYRILLIC SMALL LETTER KA WITH VERTICAL STROKE			• originally derived from Latin "h", but uppercase form 04BA Ӽ is closer to an inverted che (0427 Ӷ)
		• Azerbaijani			• Azerbaijani, Bashkir, ...
049E	Ӽ	CYRILLIC CAPITAL LETTER KA WITH STROKE			→ 0068 h latin small letter h
049F	ӽ	CYRILLIC SMALL LETTER KA WITH STROKE	04BC	Ӿ	CYRILLIC CAPITAL LETTER ABKHASIAN CHE
		• Abkhasian	04BD	ӿ	CYRILLIC SMALL LETTER ABKHASIAN CHE
04A0	Ӽ	CYRILLIC CAPITAL LETTER BASHKIR KA	04BE	ӿ	CYRILLIC CAPITAL LETTER ABKHASIAN CHE WITH DESCENDER
04A1	ӽ	CYRILLIC SMALL LETTER BASHKIR KA	04BF	ӿ	CYRILLIC SMALL LETTER ABKHASIAN CHE WITH DESCENDER
04A2	Ӽ	CYRILLIC CAPITAL LETTER EN WITH DESCENDER			• some older Abkhas fonts show a descender shaped like a right hook (ogonek or reversed comma shape)
04A3	ӽ	CYRILLIC SMALL LETTER EN WITH DESCENDER			
		• Bashkir, ...			
04A4	Ӽ	CYRILLIC CAPITAL LIGATURE EN GHE			
04A5	ӽ	CYRILLIC SMALL LIGATURE EN GHE			
		• Altay, Mari, Yakut			
		• also used for soft en in Old Church Slavonic			
		• this is not a decomposable ligature			
04A6	Ӽ	CYRILLIC CAPITAL LETTER PE WITH MIDDLE HOOK			

04C0	I	CYRILLIC LETTER PALOCHKA • aspiration sign in many Caucasian languages • is usually not cased, but the formal lowercase is 04CF I → 0049 I latin capital letter i → 0406 I cyrillic capital letter byelorussian-ukrainian i	04E0	Ӏ	CYRILLIC CAPITAL LETTER ABKHASIAN DZE
			04E1	Ӂ	CYRILLIC SMALL LETTER ABKHASIAN DZE → 0292 Ӂ latin small letter ezh
			04E2	ӂ	CYRILLIC CAPITAL LETTER I WITH MACRON ≡ 0418 ӂ 0304 ӂ
			04E3	Ӄ	CYRILLIC SMALL LETTER I WITH MACRON ≡ 0438 Ӄ 0304 Ӄ
04C1	ӄ	CYRILLIC CAPITAL LETTER ZHE WITH BREVE ≡ 0416 ӄ 0306 ӄ	04E4	Ӆ	CYRILLIC CAPITAL LETTER I WITH DIAERESIS ≡ 0418 Ӆ 0308 Ӆ
04C2	Ӆ	CYRILLIC SMALL LETTER ZHE WITH BREVE • Moldavian ≡ 0436 Ӆ 0306 Ӆ	04E5	ӆ	CYRILLIC SMALL LETTER I WITH DIAERESIS ≡ 0438 ӆ 0308 ӆ
04C3	ӆ	CYRILLIC CAPITAL LETTER KA WITH HOOK	04E6	Ӈ	CYRILLIC CAPITAL LETTER O WITH DIAERESIS ≡ 041E Ӈ 0308 Ӈ
04C4	Ӈ	CYRILLIC SMALL LETTER KA WITH HOOK • Chukchi	04E7	ӈ	CYRILLIC SMALL LETTER O WITH DIAERESIS ≡ 043E ӈ 0308 ӈ
04C5	ӈ	CYRILLIC CAPITAL LETTER EL WITH TAIL	04E8	Ӊ	CYRILLIC CAPITAL LETTER BARRED O
04C6	Ӊ	CYRILLIC SMALL LETTER EL WITH TAIL • Kildin Sami	04E9	ӊ	CYRILLIC SMALL LETTER BARRED O → 0275 ӊ latin small letter barred o
04C7	ӊ	CYRILLIC CAPITAL LETTER EN WITH HOOK	04EA	Ӌ	CYRILLIC CAPITAL LETTER BARRED O WITH DIAERESIS ≡ 04E8 Ӌ 0308 Ӌ
04C8	Ӌ	CYRILLIC SMALL LETTER EN WITH HOOK • Chukchi	04EB	ӌ	CYRILLIC SMALL LETTER BARRED O WITH DIAERESIS ≡ 04E9 ӌ 0308 ӌ
04C9	ӌ	CYRILLIC CAPITAL LETTER EN WITH TAIL	04EC	Ӎ	CYRILLIC CAPITAL LETTER E WITH DIAERESIS ≡ 042D Ӎ 0308 Ӎ
04CA	Ӎ	CYRILLIC SMALL LETTER EN WITH TAIL • Kildin Sami	04ED	ӎ	CYRILLIC SMALL LETTER E WITH DIAERESIS • Kildin Sami ≡ 044D ӎ 0308 ӎ
04CB	ӎ	CYRILLIC CAPITAL LETTER KHAKASSIAN CHE	04EE	ӏ	CYRILLIC CAPITAL LETTER U WITH MACRON ≡ 0423 ӏ 0304 ӏ
04CC	ӏ	CYRILLIC SMALL LETTER KHAKASSIAN CHE	04EF	Ӑ	CYRILLIC SMALL LETTER U WITH MACRON ≡ 0443 Ӑ 0304 Ӑ
04CD	Ӑ	CYRILLIC CAPITAL LETTER EM WITH TAIL	04F0	ӑ	CYRILLIC CAPITAL LETTER U WITH DIAERESIS ≡ 0423 ӑ 0308 ӑ
04CE	ӑ	CYRILLIC SMALL LETTER EM WITH TAIL • Kildin Sami	04F1	Ӓ	CYRILLIC SMALL LETTER U WITH DIAERESIS ≡ 0443 Ӓ 0308 Ӓ
04CF	Ӓ	CYRILLIC SMALL LETTER PALOCHKA	04F2	ӓ	CYRILLIC CAPITAL LETTER U WITH DOUBLE ACUTE ≡ 0423 ӓ 030B ӓ
04D0	ӓ	CYRILLIC CAPITAL LETTER A WITH BREVE ≡ 0410 ӓ 0306 ӓ	04F3	Ӕ	CYRILLIC SMALL LETTER U WITH DOUBLE ACUTE ≡ 0443 Ӕ 030B Ӕ
04D1	Ӕ	CYRILLIC SMALL LETTER A WITH BREVE ≡ 0430 Ӕ 0306 Ӕ	04F4	ӕ	CYRILLIC CAPITAL LETTER CHE WITH DIAERESIS ≡ 0427 ӕ 0308 ӕ
04D2	ӕ	CYRILLIC CAPITAL LETTER A WITH DIAERESIS ≡ 0410 ӕ 0308 ӕ	04F5	Ӗ	CYRILLIC SMALL LETTER CHE WITH DIAERESIS ≡ 0447 Ӗ 0308 Ӗ
04D3	Ӗ	CYRILLIC SMALL LETTER A WITH DIAERESIS ≡ 0430 Ӗ 0308 Ӗ	04F6	ӗ	CYRILLIC CAPITAL LETTER GHE WITH DESCENDER
04D4	ӗ	CYRILLIC CAPITAL LIGATURE A IE	04F7	Ә	CYRILLIC SMALL LETTER GHE WITH DESCENDER • Yupik
04D5	Ә	CYRILLIC SMALL LIGATURE A IE • this is not a decomposable ligature → 00E6 Ә latin small letter ae	04F8	ә	CYRILLIC CAPITAL LETTER YERU WITH DIAERESIS ≡ 042B ә 0308 ә
04D6	ә	CYRILLIC CAPITAL LETTER IE WITH BREVE ≡ 0415 ә 0306 ә	04F9	Ӛ	CYRILLIC SMALL LETTER YERU WITH DIAERESIS ≡ 044B Ӛ 0308 Ӛ
04D7	Ӛ	CYRILLIC SMALL LETTER IE WITH BREVE ≡ 0435 Ӛ 0306 Ӛ			<b>Additions for Nivkh</b>
04D8	ӛ	CYRILLIC CAPITAL LETTER SCHWA	04FA	ӛ	CYRILLIC CAPITAL LETTER GHE WITH STROKE AND HOOK
04D9	Ӝ	CYRILLIC SMALL LETTER SCHWA → 0259 Ӝ latin small letter schwa	04FB	Ӝ	CYRILLIC SMALL LETTER GHE WITH STROKE AND HOOK
04DA	ӝ	CYRILLIC CAPITAL LETTER SCHWA WITH DIAERESIS ≡ 04D8 ӝ 0308 ӝ	04FC	ӝ	CYRILLIC CAPITAL LETTER HA WITH HOOK
04DB	Ӟ	CYRILLIC SMALL LETTER SCHWA WITH DIAERESIS ≡ 04D9 Ӟ 0308 Ӟ			
04DC	ӟ	CYRILLIC CAPITAL LETTER ZHE WITH DIAERESIS ≡ 0416 ӟ 0308 ӟ			
04DD	Ӡ	CYRILLIC SMALL LETTER ZHE WITH DIAERESIS ≡ 0436 Ӡ 0308 Ӡ			
04DE	ӡ	CYRILLIC CAPITAL LETTER ZE WITH DIAERESIS ≡ 0417 ӡ 0308 ӡ			
04DF	Ӣ	CYRILLIC SMALL LETTER ZE WITH DIAERESIS ≡ 0437 Ӣ 0308 Ӣ			

04FD х CYRILLIC SMALL LETTER HA WITH HOOK  
04FE Х CYRILLIC CAPITAL LETTER HA WITH STROKE  
04FF х CYRILLIC SMALL LETTER HA WITH STROKE