

# UCA Chart Help

Unicode 8.0

This set of charts shows the Unicode Collation Algorithm values for Unicode characters. The characters are arranged in the following groups:

<b>Null</b>	<b>Completely ignoreable (primary, secondary and tertiary levels)</b> <b>These include control codes and various formatting codes.</b>
<b>Ignorable</b>	<b>Ignorable at a primary level, but not at a secondary or tertiary level.</b> <b>These include most accents and diacritics.</b>
<b>Variable</b>	<b>Characters that may be set to ignorable by a programmatic switch.</b> <b>These include spaces, punctuation marks, and most symbols.</b>
<b>Common</b>	<b>Characters that are none of the above, but not considered letters.</b> <b>These include numbers, currency symbols, etc.</b>
<b>Letters</b>	<b>According to script</b>
<b>Unsupported</b>	<b>Not explicitly supported in this version of UCA; uses code-point order</b>

Characters which are displayed in **blue** are not in the Doulos SIL or Charis SIL font.

The characters\* within each group are arranged in cells. The characters added in the last release are in yellow. Otherwise, the color of the cell indicates the strength of the difference between that character and the *previous* character in the chart, as follows.

<u>No Expansion</u>		<u>Expansion</u>	
<b>a</b> 0061	<b>Primary difference</b>	<b>dz</b> 01F3	<b>Primary difference</b>
<b>á</b> 00E1	<b>Secondary Difference</b>	<b>DZ</b> 01F1	<b>Secondary Difference</b>
<b>A</b> 0041	<b>Tertiary difference</b>	<b>Dz</b> 01F2	<b>Tertiary difference</b>
<b>Ä</b> 212B	<b>Quarternary difference or no difference</b>		<b>Quarternary difference or no difference</b>

**Note:** If tool-tips are enabled in your browser, then if you pause the mouse over any cell, you will see the name of the character and a representation of the sort key. In this representation, the separators between the weight levels are represented with "|".

*In some cases, the UCA data table also includes contractions. They can be recognized by the multiple code point numbers, as in the following:	ଊଁ 0B92 0BD7
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## Notes

- The UCA results are versioned *both* by the version of the UCA *and* by the version of The Unicode Standard used to process the data.
- These charts only provide one of the alternatives for handling variable characters (punctuation), whereby these characters are **non-ignorable**.
- Characters from large blocks, such as CJK-Ideographs, Hangul Syllables, Private Use Area, etc. are represented by a sampling.
- Some unassigned code points, noncharacters and other edge cases are also added to the list for comparison.
- For more information, see [UTS #10: Unicode Collation Algorithm](#).

# Cyrillic

а 0430	◌ <sup>а</sup> 2DF6	А 0410	ă 04D1	Ă 04D0	ä 04D3	Ä 04D2
ə 04D9	Ә 04D8	ӓ 04DB	Ӗ 04DA			
æ 04D5	Æ 04D4					
б 0431	◌ <sup>б</sup> 2DE0	Б 0411				
в 0432	◌ <sup>в</sup> 2DE1	В 0412				
г 0433	◌ <sup>г</sup> 2DE2	Г 0413	ѓ 0453	Ĝ 0403	ƒ 0491	Ɠ 0490
ф 0493	Ƒ 0492					
ѳ 04FB	Ƒ̅ 04FA					
ђ 0495	Ђ 0494					
ѓ 04F7	Ƒ̅ 04F6					
д 0434	◌ <sup>д</sup> 2DE3	Д 0414				
ɖ 0501	ɖ 0500					
Ɑ A681	Ɑ A680					
ћ 0452	Ћ 0402					
ⱦ A663	ⱦ A662					
ɗ 0503	ɗ 0502					
з 0499	З 0498					

e 0435	◌ <sup>e</sup> 2DF7	Е 0415	è 0450	È 0400	ě 04D7	Ě 04D6	ë 0451	Ë 0401
€ 0454	◌ <sup>e</sup> A674	€ 0404						
Ж 0436	◌ <sup>#</sup> 2DE4	Ж 0416	ǰ 04C2	ǰ̃ 04C1	ǰ̂ 04DD	ǰ̄ 04DC		
ДК 052B	ДК 052A							
ЭК A685	ЭК A684							
Ж 0497	Ж 0496							
З 0437	◌ <sup>o</sup> 2DE5	З 0417	ǯ 04DF	ǯ̃ 04DE				
Ƶ A641	Ƶ A640							
ƶ 0505	ƶ 0504							
Ʒ 0511	Ʒ 0510							
ƹ A643	ƹ A642							
Ƹ 0455	Ƹ 0405							
ƹ A645	ƹ A644							
ƹ 04E1	ƹ 04E0							
ƹ A689	ƹ A688							
ƹ 0507	ƹ 0506							
ƹ A683	ƹ A682							
И 0438	◌ <sup>и</sup> A675	И 0418	й 045D	Й 040D	й̂ 04E5	Й̂ 04E4	й̄ 04E3	Й̄ 04E2
Й 048B	Й 048A							

İ 0456	I 0406	ï 0457	◌̇ A676	Ï 0407
ı A647	İ A646			
Й 0438 0306	Й 0439	Й 0418 0306	Й 0419	
ĵ 0458	J 0408			
Ĵ A649	◌̇ 2DF8	Ĵ A648		
К 043A	◌̇ <sup>к</sup> 2DE6	К 041A	К̇ 045C	К̇ 040C
Қ 049B	Қ 049A			
Қ 04C4	Қ 04C3			
к 04A1	К 04A0			
ĳ 049F	К 049E			
к 049D	К 049C			
к 051F	К 051E			
қ 051B	Q 051A			
Л 043B	◌̇ <sup>л</sup> 2DE7	Л 041B		
Л 1D2B				
Л 04C6	Л 04C5			
л 052F	Л 052E			
Л 0513	Л 0512			










Љ 0521	Љ 0520									
Ў 0459	Ў 0409									
Ў A665	Ў A664									
Ў 0509	Ў 0508									
Ў 0515	Ў 0514									
М 043C	М 2DE8	М 041C								
М 04CE	М 04CD									
М A667	М A666									
Н 043D	Н 2DE9	Н 041D	Н 1D78							
Н 0529	Н 0528									
Н 04CA	Н 04C9									
Н 04A3	Н 04A2									
Н 04C8	Н 04C7									
Н 0523	Н 0522									
Н 04A5	Н 04A4									
Н 045A	Н 040A									
Н 050B	Н 050A									
О 043E	О 2DEA	О A669	О A66B	О A66D	О A66E	О A699	О A69B	О 041E	О A668	О A66A
	О A66C	О A698	О A69A	Ö 04E7	Ö 04E6					



Ƴ 04B1	ƴ 04B0	
ƶ A64B	◌̆ 2DF9	Ɑ A64A
oy 0479	Oy 0478	
ϕ 0444	◌̇ A69E	Φ 0424
x 0445	◌̈ 2DEF	X 0425
Ʒ 04FD	Ƹ 04FC	
⌘ 04FF	⌘ 04FE	
Ʒ 04B3	Ƹ 04B2	
h 04BB	h 04BA	
h 0527	h 0526	
h A695	h A694	
ω 0461	◌̇ A67B	Ω 0460
̄ 047F	̄ 047E	
ω A64D	ω A64C	
̂ 047D	̂ 047C	
o 047B	O 047A	
ц 0446	◌̆ 2DF0	Ц 0426
μ A661	μ A660	
υ A68F	υ A68E	
ц 04B5	Ц 04B4	

Ტ A691	Ტ A690			
Ი 0447	Ი̣ 2DF1	Ი 0427	Ი̣ 04F5	Ი̣̣ 04F4
Ი 052D	Ი 052C			
Ი A693	Ი A692			
Ი 04B7	Ი 04B6			
Ი 04CC	Ი 04CB			
Ი 04B9	Ი 04B8			
Ი A687	Ი A686			
Ი 04BD	Ი 04BC			
Ი 04BF	Ი 04BE			
Ი 045F	Ი 040F			
Ი 0448	Ი̣̣ 2DF2	Ი 0428		
Ი A697	Ი A696			
Ი 0449	Ი̣̣̣ 2DF3	Ი 0429		
Ი A64F	Ი A64E			
Ი 2E2F				
Ი A67F				
Ი 044A	Ი̣̣̣̣ A678	Ი 042A	Ი̣̣̣̣ A69C	
Ი A651	Ი A650			



Ы 044B	 A679	Ы 042B	Ы̇ 04F9	Ӹ 04F8
Ь 044C	 A67A	Ь 042C	Ь̅ A69D	
Ъ 048D	Ъ 048C			
Ѣ 0463	 2DFA	Ѣ 0462		
Ѥ A653	Ѥ A652			
Э 044D	Э 042D	Э̇ 04ED	Ӭ 04EC	
Ю 044E	 2DFB	Ю 042E		
Ѧ A655	Ѧ A654			
Ѩ A657	 2DFC	Ѩ A656		
Я 044F	Я 042F			
Ѱ 0519	Ѱ 0518			
Ѳ 0465	 A69F	Ѳ 0464		
Ѵ 0467	 2DFD	Ѵ 0466		
Ѷ A659	Ѷ A658			
Ѹ 046B	 2DFE	Ѹ 046A		
Ѻ A65B	Ѻ A65A			
Ѽ 0469	Ѽ 0468			
Ѿ A65D	Ѿ A65C			
Ѽ̇ 046D	 2DFF	Ѽ̇ 046C		
ѿ 046F	ѿ 046E			

$\psi$ 0471	$\Psi$ 0470		
$\theta$ 0473	$\overset{\circ}{\theta}$ 2DF4	$\Theta$ 0472	
$\nu$ 0475	$\mathcal{V}$ 0474	$\ddot{\nu}$ 0477	$\ddot{\mathcal{V}}$ 0476
$\uparrow$ A65F	$\Uparrow$ A65E		
$\omega$ 04A9	$\mathcal{Q}$ 04A8		
$\mathcal{W}$ 051D	$\mathcal{W}$ 051C		
$\mathcal{I}$ 04CF	$\mathcal{I}$ 04C0		