

Arrows

Range: 2190–21FF

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/>

Disclaimer

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.

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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















































































































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

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	219	21A	21B	21C	21D	21E	21F
0	 2190	 21A0	 21B0	 21C0	 21D0	 21E0	 21F0
1	 2191	 21A1	 21B1	 21C1	 21D1	 21E1	 21F1
2	 2192	 21A2	 21B2	 21C2	 21D2	 21E2	 21F2
3	 2193	 21A3	 21B3	 21C3	 21D3	 21E3	 21F3
4	 2194	 21A4	 21B4	 21C4	 21D4	 21E4	 21F4
5	 2195	 21A5	 21B5	 21C5	 21D5	 21E5	 21F5
6	 2196	 21A6	 21B6	 21C6	 21D6	 21E6	 21F6
7	 2197	 21A7	 21B7	 21C7	 21D7	 21E7	 21F7
8	 2198	 21A8	 21B8	 21C8	 21D8	 21E8	 21F8
9	 2199	 21A9	 21B9	 21C9	 21D9	 21E9	 21F9
A	 219A	 21AA	 21BA	 21CA	 21DA	 21EA	 21FA
B	 219B	 21AB	 21BB	 21CB	 21DB	 21EB	 21FB
C	 219C	 21AC	 21BC	 21CC	 21DC	 21EC	 21FC
D	 219D	 21AD	 21BD	 21CD	 21DD	 21ED	 21FD
E	 219E	 21AE	 21BE	 21CE	 21DE	 21EE	 21FE
F	 219F	 21AF	 21BF	 21CF	 21DF	 21EF	 21FF

Arrows

2190	←	LEFTWARDS ARROW → 20EA ⇌ combining leftwards arrow overlay	21B2	⤵	DOWNWARDS ARROW WITH TIP LEFTWARDS
2191	↑	UPWARDS ARROW • IPA: egressive airflow	21B3	↴	DOWNWARDS ARROW WITH TIP RIGHTWARDS
2192	→	RIGHTWARDS ARROW = z notation total function	21B4	↵	RIGHTWARDS ARROW WITH CORNER DOWNWARDS = line feed
2193	↓	DOWNWARDS ARROW • IPA: ingressive airflow	21B5	⤶	DOWNWARDS ARROW WITH CORNER LEFTWARDS • may indicate a carriage return or new line → 23CE ↵ return symbol
2194	↔	LEFT RIGHT ARROW = z notation relation	21B6	↶	ANTICLOCKWISE TOP SEMICIRCLE ARROW
2195	↑↓	UP DOWN ARROW	21B7	↷	CLOCKWISE TOP SEMICIRCLE ARROW
2196	↖	NORTH WEST ARROW	21B8	↙	NORTH WEST ARROW TO LONG BAR = home
2197	↗	NORTH EAST ARROW	21B9	↔̅	LEFTWARDS ARROW TO BAR OVER RIGHTWARDS ARROW TO BAR = tab with shift tab
2198	↘	SOUTH EAST ARROW	21BA	↺	ANTICLOCKWISE OPEN CIRCLE ARROW
2199	↙	SOUTH WEST ARROW	21BB	↻	CLOCKWISE OPEN CIRCLE ARROW
219A	↔̅	LEFTWARDS ARROW WITH STROKE • negation of 2190 ← ≡ 2190 ← 0338 ∅	21BC	↤	LEFTWARDS HARPOON WITH BARB UPWARDS
219B	↔̅	RIGHTWARDS ARROW WITH STROKE • negation of 2192 → ≡ 2192 → 0338 ∅	21BD	↤	LEFTWARDS HARPOON WITH BARB DOWNWARDS
219C	~	LEFTWARDS WAVE ARROW	21BE	↥	UPWARDS HARPOON WITH BARB RIGHTWARDS
219D	~	RIGHTWARDS WAVE ARROW	21BF	↥	UPWARDS HARPOON WITH BARB LEFTWARDS
219E	↔̅	LEFTWARDS TWO HEADED ARROW	21C0	↦	RIGHTWARDS HARPOON WITH BARB UPWARDS
219F	↕	UPWARDS TWO HEADED ARROW	21C1	↦	RIGHTWARDS HARPOON WITH BARB DOWNWARDS
21A0	→	RIGHTWARDS TWO HEADED ARROW = z notation total surjection	21C2	↴	DOWNWARDS HARPOON WITH BARB RIGHTWARDS
21A1	↓	DOWNWARDS TWO HEADED ARROW = form feed	21C3	⤵	DOWNWARDS HARPOON WITH BARB LEFTWARDS
21A2	↔̅	LEFTWARDS ARROW WITH TAIL	21C4	⇔	RIGHTWARDS ARROW OVER LEFTWARDS ARROW
21A3	↔̅	RIGHTWARDS ARROW WITH TAIL = z notation total injection	21C5	⇕	UPWARDS ARROW LEFTWARDS OF DOWNWARDS ARROW
21A4	↔̅	LEFTWARDS ARROW FROM BAR	21C6	↔̅	LEFTWARDS ARROW OVER RIGHTWARDS ARROW
21A5	↕	UPWARDS ARROW FROM BAR	21C7	⇔	LEFTWARDS PAIRED ARROWS
21A6	↔̅	RIGHTWARDS ARROW FROM BAR = z notation maplet	21C8	⇕	UPWARDS PAIRED ARROWS
21A7	⤵	DOWNWARDS ARROW FROM BAR = depth symbol	21C9	⇔	RIGHTWARDS PAIRED ARROWS
21A8	↑↓	UP DOWN ARROW WITH BASE	21CA	⇕	DOWNWARDS PAIRED ARROWS
21A9	↔̅	LEFTWARDS ARROW WITH HOOK	21CB	↔̅	LEFTWARDS HARPOON OVER RIGHTWARDS HARPOON
21AA	↔̅	RIGHTWARDS ARROW WITH HOOK	21CC	↔̅	RIGHTWARDS HARPOON OVER LEFTWARDS HARPOON
21AB	↔̅	LEFTWARDS ARROW WITH LOOP	21CD	↔̅	LEFTWARDS DOUBLE ARROW WITH STROKE • negation of 21D0 = ≡ 21D0 ⇌ 0338 ∅
21AC	↔̅	RIGHTWARDS ARROW WITH LOOP			
21AD	↔̅	LEFT RIGHT WAVE ARROW			
21AE	↔̅	LEFT RIGHT ARROW WITH STROKE • negation of 2194 ↔ ≡ 2194 ↔ 0338 ∅			
21AF	⤵	DOWNWARDS ZIGZAG ARROW = electrolysis			
21B0	↕	UPWARDS ARROW WITH TIP LEFTWARDS			
21B1	↕	UPWARDS ARROW WITH TIP RIGHTWARDS			

21CE	⇔ LEFT RIGHT DOUBLE ARROW WITH STROKE • negation of 21D4 ⇔ ≡ 21D4 ⇔ 0338 ↯	21F0	⇒ RIGHTWARDS WHITE ARROW FROM WALL = group lock
21CF	⇒ RIGHTWARDS DOUBLE ARROW WITH STROKE • negation of 21D2 ⇔ ≡ 21D2 ⇔ 0338 ↯	21F1	↖ NORTH WEST ARROW TO CORNER = home
21D0	⇐ LEFTWARDS DOUBLE ARROW	21F2	↘ SOUTH EAST ARROW TO CORNER = end
21D1	↑ UPWARDS DOUBLE ARROW	21F3	⇅ UP DOWN WHITE ARROW = scrolling
21D2	⇒ RIGHTWARDS DOUBLE ARROW	21F4	⇒ RIGHT ARROW WITH SMALL CIRCLE
21D3	↓ DOWNWARDS DOUBLE ARROW	21F5	↓ DOWNWARDS ARROW LEFTWARDS OF UPWARDS ARROW
21D4	⇔ LEFT RIGHT DOUBLE ARROW	21F6	≡ THREE RIGHTWARDS ARROWS
21D5	⇅ UP DOWN DOUBLE ARROW	21F7	⇐ LEFTWARDS ARROW WITH VERTICAL STROKE
21D6	↖ NORTH WEST DOUBLE ARROW	21F8	⇒ RIGHTWARDS ARROW WITH VERTICAL STROKE = z notation partial function
21D7	↗ NORTH EAST DOUBLE ARROW	21F9	⇐ LEFT RIGHT ARROW WITH VERTICAL STROKE = z notation partial relation
21D8	↘ SOUTH EAST DOUBLE ARROW	21FA	⇐ LEFTWARDS ARROW WITH DOUBLE VERTICAL STROKE
21D9	↙ SOUTH WEST DOUBLE ARROW	21FB	⇒ RIGHTWARDS ARROW WITH DOUBLE VERTICAL STROKE = z notation finite function
21DA	⇐⇐ LEFTWARDS TRIPLE ARROW	21FC	⇐⇐ LEFT RIGHT ARROW WITH DOUBLE VERTICAL STROKE = z notation finite relation
21DB	⇒⇒ RIGHTWARDS TRIPLE ARROW	21FD	← LEFTWARDS OPEN-HEADED ARROW
21DC	↔ LEFTWARDS SQUIGGLE ARROW	21FE	→ RIGHTWARDS OPEN-HEADED ARROW
21DD	↔ RIGHTWARDS SQUIGGLE ARROW	21FF	⇔ LEFT RIGHT OPEN-HEADED ARROW
21DE	‡ UPWARDS ARROW WITH DOUBLE STROKE = page up		
21DF	‡ DOWNWARDS ARROW WITH DOUBLE STROKE = page down		
21E0	↔ LEFTWARDS DASHED ARROW		
21E1	↑ UPWARDS DASHED ARROW		
21E2	↔ RIGHTWARDS DASHED ARROW		
21E3	↓ DOWNWARDS DASHED ARROW		
21E4	← LEFTWARDS ARROW TO BAR = leftward tab		
21E5	→ RIGHTWARDS ARROW TO BAR = rightward tab		
21E6	⇐ LEFTWARDS WHITE ARROW		
21E7	↑ UPWARDS WHITE ARROW = shift		
21E8	⇒ RIGHTWARDS WHITE ARROW		
21E9	↓ DOWNWARDS WHITE ARROW		
21EA	⇅ UPWARDS WHITE ARROW FROM BAR = caps lock		
21EB	↑ UPWARDS WHITE ARROW ON PEDESTAL = level 2 lock		
21EC	↑ UPWARDS WHITE ARROW ON PEDESTAL WITH HORIZONTAL BAR = caps lock		
21ED	↑ UPWARDS WHITE ARROW ON PEDESTAL WITH VERTICAL BAR = numerics lock		
21EE	↑ UPWARDS WHITE DOUBLE ARROW = level 3 select		
21EF	↑ UPWARDS WHITE DOUBLE ARROW ON PEDESTAL = level 3 lock		