

Arrows

Range: 2190–21FF

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.

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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

Simple arrows

2190	←	LEFTWARDS ARROW
		→ 20EA ⇌ combining leftwards arrow overlay
2191	↑	UPWARDS ARROW
		• IPA: egressive airflow
2192	→	RIGHTWARDS ARROW
		= z notation total function
2193	↓	DOWNWARDS ARROW
		• IPA: ingressive airflow
2194	↔	LEFT RIGHT ARROW
		= z notation relation
2195	↕	UP DOWN ARROW
2196	↖	NORTH WEST ARROW
2197	↗	NORTH EAST ARROW
2198	↘	SOUTH EAST ARROW
2199	↙	SOUTH WEST ARROW

Arrows with modifications

219A	↔	LEFTWARDS ARROW WITH STROKE
		• negation of 2190 ←
		≡ 2190 ← 0338 ∕
219B	↔	RIGHTWARDS ARROW WITH STROKE
		• negation of 2192 →
		≡ 2192 → 0338 ∕
219C	↔	LEFTWARDS WAVE ARROW
219D	↔	RIGHTWARDS WAVE ARROW
219E	←	LEFTWARDS TWO HEADED ARROW
		= fast cursor left
219F	↑	UPWARDS TWO HEADED ARROW
		= fast cursor up
21A0	→	RIGHTWARDS TWO HEADED ARROW
		= z notation total surjection
		= fast cursor right
21A1	↓	DOWNWARDS TWO HEADED ARROW
		= form feed
		= fast cursor down
21A2	←	LEFTWARDS ARROW WITH TAIL
21A3	→	RIGHTWARDS ARROW WITH TAIL
		= z notation total injection
21A4	←	LEFTWARDS ARROW FROM BAR
21A5	↑	UPWARDS ARROW FROM BAR
21A6	→	RIGHTWARDS ARROW FROM BAR
		= z notation maplet
21A7	↓	DOWNWARDS ARROW FROM BAR
		= depth symbol
21A8	↕	UP DOWN ARROW WITH BASE
21A9	↔	LEFTWARDS ARROW WITH HOOK
21AA	↔	RIGHTWARDS ARROW WITH HOOK
21AB	↔	LEFTWARDS ARROW WITH LOOP
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

Arrows with bent tips

Other arrows with bent tips to complete this set can be found in the Miscellaneous Symbols and Arrows block.

21B0	↑	UPWARDS ARROW WITH TIP LEFTWARDS
21B1	↑	UPWARDS ARROW WITH TIP RIGHTWARDS
21B2	↓	DOWNWARDS ARROW WITH TIP LEFTWARDS
21B3	↓	DOWNWARDS ARROW WITH TIP RIGHTWARDS

Keyboard symbols and circle arrows

21B4	↵	RIGHTWARDS ARROW WITH CORNER DOWNWARDS
		= line feed
21B5	↵	DOWNWARDS ARROW WITH CORNER LEFTWARDS
		• may indicate a carriage return or new line
		→ 23CE ↵ return symbol
21B6	↶	ANTICLOCKWISE TOP SEMICIRCLE ARROW
21B7	↷	CLOCKWISE TOP SEMICIRCLE ARROW
21B8	↶	NORTH WEST ARROW TO LONG BAR
		= home
21B9	↵	LEFTWARDS ARROW TO BAR OVER RIGHTWARDS ARROW TO BAR
		= tab with shift tab
21BA	↶	ANTICLOCKWISE OPEN CIRCLE ARROW
21BB	↷	CLOCKWISE OPEN CIRCLE ARROW

Harpoons

21BC	←	LEFTWARDS HARPOON WITH BARB UPWARDS
21BD	←	LEFTWARDS HARPOON WITH BARB DOWNWARDS
21BE	↑	UPWARDS HARPOON WITH BARB RIGHTWARDS
21BF	↑	UPWARDS HARPOON WITH BARB LEFTWARDS
21C0	→	RIGHTWARDS HARPOON WITH BARB UPWARDS
21C1	→	RIGHTWARDS HARPOON WITH BARB DOWNWARDS
21C2	↓	DOWNWARDS HARPOON WITH BARB RIGHTWARDS
21C3	↓	DOWNWARDS HARPOON WITH BARB LEFTWARDS

Paired arrows and harpoons

21C4	↔	RIGHTWARDS ARROW OVER LEFTWARDS ARROW
21C5	↕	UPWARDS ARROW LEFTWARDS OF DOWNWARDS ARROW
21C6	↔	LEFTWARDS ARROW OVER RIGHTWARDS ARROW
21C7	↔	LEFTWARDS PAIRED ARROWS
21C8	↕	UPWARDS PAIRED ARROWS
21C9	↔	RIGHTWARDS PAIRED ARROWS
21CA	↕	DOWNWARDS PAIRED ARROWS
21CB	↔	LEFTWARDS HARPOON OVER RIGHTWARDS HARPOON
21CC	↔	RIGHTWARDS HARPOON OVER LEFTWARDS HARPOON

Double arrows

21CD	↔	LEFTWARDS DOUBLE ARROW WITH STROKE
		• negation of 21D0 ⇐
		≡ 21D0 ⇐ 0338 ∕
21CE	↔	LEFT RIGHT DOUBLE ARROW WITH STROKE
		• negation of 21D4 ⇔
		≡ 21D4 ⇔ 0338 ∕
21CF	↔	RIGHTWARDS DOUBLE ARROW WITH STROKE
		• negation of 21D2 ⇒
		≡ 21D2 ⇒ 0338 ∕
21D0	⇐	LEFTWARDS DOUBLE ARROW
21D1	⇑	UPWARDS DOUBLE ARROW
21D2	⇒	RIGHTWARDS DOUBLE ARROW
21D3	⇓	DOWNWARDS DOUBLE ARROW
21D4	⇔	LEFT RIGHT DOUBLE ARROW
21D5	⇕	UP DOWN DOUBLE ARROW
21D6	↖	NORTH WEST DOUBLE ARROW
21D7	↗	NORTH EAST DOUBLE ARROW
21D8	↘	SOUTH EAST DOUBLE ARROW

21D9 ↙ SOUTH WEST DOUBLE ARROW

Miscellaneous arrows and keyboard symbols

21DA ⇐ LEFTWARDS TRIPLE ARROW

21DB ⇒ RIGHTWARDS TRIPLE ARROW

21DC ⇐ LEFTWARDS SQUIGGLE ARROW

21DD ⇒ RIGHTWARDS SQUIGGLE 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

21FC ⇔ LEFT RIGHT ARROW WITH DOUBLE VERTICAL STROKE

= z notation finite relation

21FD ← LEFTWARDS OPEN-HEADED ARROW

21FE → RIGHTWARDS OPEN-HEADED ARROW

21FF ⇔ LEFT RIGHT OPEN-HEADED ARROW

White arrows and keyboard symbols

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

21F0 ⇒ RIGHTWARDS WHITE ARROW FROM WALL

= group lock

21F1 ↖ NORTH WEST ARROW TO CORNER

= home

21F2 ↘ SOUTH EAST ARROW TO CORNER

= end

21F3 † UP DOWN WHITE ARROW

= scrolling

Miscellaneous arrows

21F4 → RIGHT ARROW WITH SMALL CIRCLE

21F5 † DOWNWARDS ARROW LEFTWARDS OF UPWARDS ARROW

21F6 ⇨ THREE RIGHTWARDS ARROWS

21F7 ⇐ LEFTWARDS ARROW WITH VERTICAL STROKE

21F8 → RIGHTWARDS ARROW WITH VERTICAL STROKE

= z notation partial function

21F9 ⇔ LEFT RIGHT ARROW WITH VERTICAL STROKE

= z notation partial relation

21FA ⇐ LEFTWARDS ARROW WITH DOUBLE VERTICAL STROKE

21FB ⇨ RIGHTWARDS ARROW WITH DOUBLE VERTICAL STROKE

= z notation finite function