Arrows

Range: 2190–21FF

This file contains an excerpt from the character code tables and list of character names for
The Unicode Standard, Version 12.1

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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-12.1/ for charts showing only the characters added in Unicode 12.1.
See http://www.unicode.org/Public/12.1.0/charts/ for a complete archived file of character code charts for Unicode 12.1.

Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 12.1 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 12.1, online at http://www.unicode.org/versions/Unicode12.1.0/, 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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	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 $\not$
219B ↛ RIGHTWARDS ARROW WITH STROKE
• negation of 2192 →
≡ 2192 → 0338 $\not$
219C ↜ LEFTWARDS WAVE ARROW
→ 2B3F ↜ wave arrow pointing directly left
219D ↝ RIGHTWARDS WAVE ARROW
219E ↞ LEFTWARDS TWO HEADED ARROW
= fast cursor left
→ 2BEC ⏪ leftwards two-headed arrow with triangle arrowheads
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 $\not$
21AF ↯ DOWNWARDS ZIGZAG ARROW
= electrolysis
→ 2B4D ↯ downwards triangle-headed zigzag arrow

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
→ 2B7E ⭾ horizontal tab key
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 $\not$
21CE ⇎ LEFT RIGHT DOUBLE ARROW WITH STROKE
• negation of 21D4 ⇔
≡ 21D4 ⇔ 0338 $\not$

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

→ 2B33 ⬳ long 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

White arrows and keyboard symbols

21E6	⇦	LEFTWARDS WHITE ARROW

→ 2B00 ⬀ north east white arrow

21E7	⇧	UPWARDS WHITE ARROW

= shift
= level 2 select (ISO 9995-7)

21E8	⇨	RIGHTWARDS WHITE ARROW

= group select (ISO 9995-7)

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

= capitals (caps) lock
→ 2BB8 ⮸ upwards white arrow from bar with horizontal bar

21ED	⇭	UPWARDS WHITE ARROW ON PEDESTAL WITH VERTICAL BAR

= numeric 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
→ 2B04 ⬄ left right white arrow

Miscellaneous arrows

21F4	⇴	RIGHT ARROW WITH SMALL CIRCLE

→ 2B30 ⬰ left arrow with small circle

21F5	⇵	DOWNWARDS ARROW LEFTWARDS OF UPWARDS ARROW
21F6	⇶	THREE RIGHTWARDS ARROWS

→ 2B31 ⬱ three leftwards 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

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