

Miscellaneous Symbols and Arrows

Range: 2B00–2BFF

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 5.2*.

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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-5.2/> for charts showing only the characters added in Unicode 5.2. See <http://www.unicode.org/Public/5.2.0/charts/> for a complete archived file of character code charts for Unicode 5.2.

Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 5.2 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 5.2, online at <http://www.unicode.org/versions/Unicode5.2.0/>, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, and #44, 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.

Fonts

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See <http://www.unicode.org/charts/fonts.html> for a list.

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

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White and black arrows

Other white and black arrows to complete this set can be found in the *Arrows and Dingbats* blocks.

2B00	↗	NORTH EAST WHITE ARROW
2B01	↖	NORTH WEST WHITE ARROW
2B02	↘	SOUTH EAST WHITE ARROW
2B03	↙	SOUTH WEST WHITE ARROW
2B04	↔	LEFT RIGHT WHITE ARROW → 21E6 ↔ leftwards white arrow → 21F3 ⇕ up down white arrow
2B05	←	LEFTWARDS BLACK ARROW → 27A1 → black rightwards arrow
2B06	↑	UPWARDS BLACK ARROW
2B07	↓	DOWNWARDS BLACK ARROW
2B08	↗	NORTH EAST BLACK ARROW
2B09	↖	NORTH WEST BLACK ARROW
2B0A	↘	SOUTH EAST BLACK ARROW
2B0B	↙	SOUTH WEST BLACK ARROW
2B0C	↔	LEFT RIGHT BLACK ARROW
2B0D	⇕	UP DOWN BLACK ARROW

Arrows with bent tips

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

2B0E	↘	RIGHTWARDS ARROW WITH TIP DOWNWARDS
2B0F	↙	RIGHTWARDS ARROW WITH TIP UPWARDS
2B10	↖	LEFTWARDS ARROW WITH TIP DOWNWARDS
2B11	↗	LEFTWARDS ARROW WITH TIP UPWARDS

Squares

2B12	◼	SQUARE WITH TOP HALF BLACK → 25E7 ◻ square with left half black
2B13	◼	SQUARE WITH BOTTOM HALF BLACK
2B14	◼	SQUARE WITH UPPER RIGHT DIAGONAL HALF BLACK
2B15	◼	SQUARE WITH LOWER LEFT DIAGONAL HALF BLACK

Diamonds

2B16	◊	DIAMOND WITH LEFT HALF BLACK
2B17	◊	DIAMOND WITH RIGHT HALF BLACK
2B18	◊	DIAMOND WITH TOP HALF BLACK
2B19	◊	DIAMOND WITH BOTTOM HALF BLACK

Squares

2B1A	◻	DOTTED SQUARE
2B1B	◼	BLACK LARGE SQUARE → 25A0 ◼ black square
2B1C	◻	WHITE LARGE SQUARE → 25A1 ◻ white square
2B1D	▪	BLACK VERY SMALL SQUARE → 25AA ▪ black small square
2B1E	▪	WHITE VERY SMALL SQUARE → 25AB ▪ white small square

Pentagons

2B1F	⬠	BLACK PENTAGON
2B20	⬡	WHITE PENTAGON

Hexagons

2B21	⬢	WHITE HEXAGON
2B22	⬤	BLACK HEXAGON
2B23	⬥	HORIZONTAL BLACK HEXAGON

Circle

2B24	●	BLACK LARGE CIRCLE → 25CF ● black circle → 25EF ○ large circle
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Diamonds and lozenges

2B25	◆	BLACK MEDIUM DIAMOND → 25C6 ◆ black diamond
2B26	◇	WHITE MEDIUM DIAMOND
2B27	◊	BLACK MEDIUM LOZENGE
2B28	◇	WHITE MEDIUM LOZENGE → 25CA ◇ lozenge
2B29	◆	BLACK SMALL DIAMOND → 22C4 ◆ diamond operator
2B2A	◊	BLACK SMALL LOZENGE
2B2B	◇	WHITE SMALL LOZENGE

Ellipses

2B2C	●	BLACK HORIZONTAL ELLIPSE
2B2D	○	WHITE HORIZONTAL ELLIPSE
2B2E	●	BLACK VERTICAL ELLIPSE
2B2F	○	WHITE VERTICAL ELLIPSE

Mathematical arrows

These provide the opposite direction complement for arrows for mathematical use not originally encoded in both a leftwards and rightwards direction.

2B30	↔	LEFT ARROW WITH SMALL CIRCLE → 21F4 ↔ right arrow with small circle
2B31	≡	THREE LEFTWARDS ARROWS → 21F6 ≡ three rightwards arrows
2B32	⊕	LEFT ARROW WITH CIRCLED PLUS → 27F4 ⊕ right arrow with circled plus
2B33	↔	LONG LEFTWARDS SQUIGGLE ARROW → 27FF ↔ long rightwards squiggle arrow → 21DC ↔ leftwards squiggle arrow
2B34	↔	LEFTWARDS TWO-HEADED ARROW WITH VERTICAL STROKE → 2900 ↔ rightwards two-headed arrow with vertical stroke
2B35	↔	LEFTWARDS TWO-HEADED ARROW WITH DOUBLE VERTICAL STROKE → 2901 ↔ rightwards two-headed arrow with double vertical stroke
2B36	↔	LEFTWARDS TWO-HEADED ARROW FROM BAR → 2905 ↔ rightwards two-headed arrow from bar
2B37	↔	LEFTWARDS TWO-HEADED TRIPLE DASH ARROW → 2910 ↔ rightwards two-headed triple dash arrow
2B38	↔	LEFTWARDS ARROW WITH DOTTED STEM → 2911 ↔ rightwards arrow with dotted stem
2B39	↔	LEFTWARDS ARROW WITH TAIL WITH VERTICAL STROKE → 2914 ↔ rightwards arrow with tail with vertical stroke
2B3A	↔	LEFTWARDS ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE → 2915 ↔ rightwards arrow with tail with double vertical stroke
2B3B	↔	LEFTWARDS TWO-HEADED ARROW WITH TAIL → 2916 ↔ rightwards two-headed arrow with tail

2B3C ⇐ LEFTWARDS TWO-HEADED ARROW WITH TAIL WITH VERTICAL STROKE
→ 2917 ⇐ rightwards two-headed arrow with tail with vertical stroke

2B3D ⇐ LEFTWARDS TWO-HEADED ARROW WITH TAIL WITH DOUBLE VERTICAL STROKE
→ 2918 ⇐ rightwards two-headed arrow with tail with double vertical stroke

2B3E ⇐ LEFTWARDS ARROW THROUGH X
→ 2947 ⇐ rightwards arrow through x

2B3F ↶ WAVE ARROW POINTING DIRECTLY LEFT
→ 2933 ↶ wave arrow pointing directly right
→ 219C ↶ leftwards wave arrow

2B40 ⇐ EQUALS SIGN ABOVE LEFTWARDS ARROW
→ 2971 ⇐ equals sign above rightwards arrow

2B41 ⇐ REVERSE TILDE OPERATOR ABOVE LEFTWARDS ARROW
• mirror image of “⇐”
→ 2972 ⇐ tilde operator above rightwards arrow

2B42 ⇐ LEFTWARDS ARROW ABOVE REVERSE ALMOST EQUAL TO
• mirror image of “⇐”
→ 2975 ⇐ rightwards arrow above almost equal to

2B43 ➤ RIGHTWARDS ARROW THROUGH GREATER-THAN
• mirror image of “<”
→ 2977 < leftwards arrow through less-than

2B44 ➤ RIGHTWARDS ARROW THROUGH SUPERSET
• mirror image of “⊆”
→ 297A ⊆ leftwards arrow through subset

2B45 ⇐ LEFTWARDS QUADRUPLE ARROW
→ 27F0 ⇐ upwards quadruple arrow

2B46 ⇐ RIGHTWARDS QUADRUPLE ARROW

2B47 ⇐ REVERSE TILDE OPERATOR ABOVE RIGHTWARDS ARROW

2B48 ⇐ RIGHTWARDS ARROW ABOVE REVERSE ALMOST EQUAL TO

2B49 ⇐ TILDE OPERATOR ABOVE LEFTWARDS ARROW

2B4A ⇐ LEFTWARDS ARROW ABOVE ALMOST EQUAL TO

2B4B ⇐ LEFTWARDS ARROW ABOVE REVERSE TILDE OPERATOR
• mirror image of “⇐”
→ 2974 ⇐ rightwards arrow above tilde operator

2B4C ➤ RIGHTWARDS ARROW ABOVE REVERSE TILDE OPERATOR
• mirror image of “⇐”
→ 2973 ⇐ leftwards arrow above tilde operator

Stars

2B50 ★ WHITE MEDIUM STAR
→ 22C6 ★ star operator

2B51 ★ BLACK SMALL STAR
→ 066D ★ arabic five pointed star

2B52 ★ WHITE SMALL STAR

Pentagons

2B53 ⬛ BLACK RIGHT-POINTING PENTAGON

2B54 ⬜ WHITE RIGHT-POINTING PENTAGON

Traffic sign from ARIB STD B24

2B55 ○ HEAVY LARGE CIRCLE
= basic symbol for speed limit
→ 25EF ○ large circle

Dictionary and map symbols from ARIB STD B24

2B56 ◎ HEAVY OVAL WITH OVAL INSIDE
= prefectural office

2B57 ◎ HEAVY CIRCLE WITH CIRCLE INSIDE
= municipal office
→ 25CE ◎ bullseye

2B58 ○ HEAVY CIRCLE
= town or village office
→ 25CB ○ white circle

2B59 ⊗ HEAVY CIRCLED SALTIRE
= police station
→ 2A02 ⊗ n-ary circled times operator