

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(0075FF) Hex(FFFFFF) Hex(71A8FF) Hex(93C3FF) Hex(B4DFFF) Hex(D4FBFF) Hex(F4FFFF)

	Hex(0075FF)	Hex(FFFFFF)	Hex(71A8FF)	Hex(93C3FF)	Hex(B4DFFF)	Hex(D4FBFF)	Hex(F4FFFF)
Hex(0075FF)		Ratio: 4.21 AA 18pt ²	Ratio: 1.75 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 4.13 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.21 AA 18pt ²		Ratio: 2.40 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(71A8FF)	Ratio: 1.75 Failed ⁵	Ratio: 2.40 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(93C3FF)	Ratio: 2.30 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(B4DFFF)	Ratio: 2.99 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(D4FBFF)	Ratio: 3.82 AA 18pt ²	Ratio: 1.10 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(F4FFFF)	Ratio: 4.13 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.08 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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