

Converting Colors - WCAG Matrix

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

Hex(2B91D5) Hex(FFFFFF) Hex(73C7FF) Hex(92E3FF) Hex(B0FFFF) Hex(CFFFFFF) Hex(EDFFFF)

	Hex(2B91D5)	Hex(FFFFFF)	Hex(73C7FF)	Hex(92E3FF)	Hex(B0FFFF)	Hex(CFFFFFF)	Hex(EDFFFF)
Hex(2B91D5)		Ratio: 3.43 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 3.17 AA 18pt ²	Ratio: 3.33 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.43 AA 18pt ²		Ratio: 1.85 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(73C7FF)	Ratio: 1.86 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(92E3FF)	Ratio: 2.40 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(B0FFFF)	Ratio: 3.04 AA 18pt ²	Ratio: 1.13 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(CFFFFFF)	Ratio: 3.17 AA 18pt ²	Ratio: 1.08 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(EDFFFF)	Ratio: 3.33 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.05 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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