

Converting Colors - WCAG Matrix

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

	Hex(0F8999)	Hex(FFFFFF)	Hex(5CBFCF)	Hex(79DBEC)	Hex(97F7FF)	Hex(B4FFFF)	Hex(D1FFFF)	Hex(EFFFFFF)
Hex(0F8999)		Ratio: 4.15 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 3.69 AA 18pt ²	Ratio: 3.85 AA 18pt ²	Ratio: 4.04 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.15 AA 18pt ²		Ratio: 2.14 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(5CBFCF)	Ratio: 1.94 Failed ⁵	Ratio: 2.14 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(79DBEC)	Ratio: 2.60 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(97F7FF)	Ratio: 3.37 AA 18pt ²	Ratio: 1.23 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(B4FFFF)	Ratio: 3.69 AA 18pt ²	Ratio: 1.12 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(D1FFFF)	Ratio: 3.85 AA 18pt ²	Ratio: 1.08 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(EFFFFFF)	Ratio: 4.04 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.20 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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