

Converting Colors - WCAG Matrix

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

	Hex(0F8EDC)	Hex(FFFFFF)	Hex(6AC3FF)	Hex(8ADFFF)	Hex(A9FBFF)	Hex(C8FFFF)	Hex(E7FFFF)
Hex(0F8EDC)		Ratio: 3.55 AA 18pt ²	Ratio: 1.83 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 3.24 AA 18pt ²	Ratio: 3.40 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.55 AA 18pt ²		Ratio: 1.93 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(6AC3FF)	Ratio: 1.83 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(8ADFFF)	Ratio: 2.38 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(A9FBFF)	Ratio: 3.03 AA 18pt ²	Ratio: 1.17 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(C8FFFF)	Ratio: 3.24 AA 18pt ²	Ratio: 1.09 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(E7FFFF)	Ratio: 3.40 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.12 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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