

Converting Colors - WCAG Matrix

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

	Hex(0F8FDB)	Hex(45A8F7)	Hex(6BC4FF)	Hex(8AE0FF)	Hex(A8FCFF)	Hex(C7FFFF)	Hex(E8FFFF)	Hex(FFFFFF)
Hex(0F8FDB)		Ratio: 1.37 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 3.21 AA 18pt ²	Ratio: 3.38 AA 18pt ²	Ratio: 3.52 AA 18pt ²
Hex(45A8F7)	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(6BC4FF)	Ratio: 1.84 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(8AE0FF)	Ratio: 2.38 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(A8FCFF)	Ratio: 3.02 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(C7FFFF)	Ratio: 3.21 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(E8FFFF)	Ratio: 3.38 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFFFFF)	Ratio: 3.52 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.04 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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