

Converting Colors - WCAG Matrix

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

	Hex(498FC5)	Hex(FFFFFF)	Hex(84C5FE)	Hex(A1E1FF)	Hex(BEFEFF)	Hex(DCFFFF)	Hex(FAFFFF)
Hex(498FC5)		Ratio: 3.49 AA 18pt ²	Ratio: 1.89 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 3.29 AA 18pt ²	Ratio: 3.46 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.49 AA 18pt ²		Ratio: 1.84 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(84C5FE)	Ratio: 1.89 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(A1E1FF)	Ratio: 2.45 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(BEFEFF)	Ratio: 3.13 AA 18pt ²	Ratio: 1.12 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(DCFFFF)	Ratio: 3.29 AA 18pt ²	Ratio: 1.06 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(FAFFFF)	Ratio: 3.46 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.11 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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