

Converting Colors - WCAG Matrix

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

	Hex(6A9FE9)	Hex(FFFFFF)	Hex(A4D5FF)	Hex(C2F2FF)	Hex(DFFFFFF)	Hex(FDFFFF)
Hex(6A9FE9)		Ratio: 2.71 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(FFFFFF)	Ratio: 2.71 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(A4D5FF)	Ratio: 1.75 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(C2F2FF)	Ratio: 2.25 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(DFFFFFF)	Ratio: 2.57 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(FDFFFF)	Ratio: 2.70 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.20 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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