

Converting Colors - WCAG Matrix

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

Hex(5A64A3) Hex(FFFFFF) Hex(8F96DB) Hex(ABB1F7) Hex(C7CCFF) Hex(E4E8FF)

	Hex(5A64A3)	Hex(FFFFFF)	Hex(8F96DB)	Hex(ABB1F7)	Hex(C7CCFF)	Hex(E4E8FF)
Hex(5A64A3)		Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 1.99 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 4.57 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.55 AA ¹ AAA 18pt ⁴		Ratio: 2.78 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(8F96DB)	Ratio: 1.99 Failed ⁵	Ratio: 2.78 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(ABB1F7)	Ratio: 2.74 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(C7CCFF)	Ratio: 3.57 AA 18pt ²	Ratio: 1.55 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.28 Failed ⁵
Hex(E4E8FF)	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.28 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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