

Converting Colors - WCAG Matrix

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

Hex(5C668A) Hex(FFFFFF) Hex(8F99C0) Hex(AAB4DB) Hex(C6CFF8) Hex(E2EBFF)

	Hex(5C668A)	Hex(FFFFFF)	Hex(8F99C0)	Hex(AAB4DB)	Hex(C6CFF8)	Hex(E2EBFF)
Hex(5C668A)		Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 4.72 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.64 AA ¹ AAA 18pt ⁴		Ratio: 2.81 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(8F99C0)	Ratio: 2.01 Failed ⁵	Ratio: 2.81 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(AAB4DB)	Ratio: 2.76 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(C6CFF8)	Ratio: 3.68 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.28 Failed ⁵
Hex(E2EBFF)	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.71 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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