

Converting Colors - WCAG Matrix

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

Hex(666390) Hex(FFFFFF) Hex(9A96C6) Hex(B5B0E2) Hex(D1CCFF) Hex(EEE8FF)

Hex(666390)		Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 4.70 AA ¹ AAA 18pt ⁴
	Hex(FFFFFF)	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 2.78 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.19 Failed ⁵
		Hex(9A96C6)	Ratio: 2.01 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(B5B0E2)	Ratio: 2.74 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.72 Failed ⁵
	Hex(D1CCFF)	Ratio: 3.68 AA 18pt ²	Ratio: 1.52 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(EEE8FF)		Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.72 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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