

Converting Colors - WCAG Matrix

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

Hex(646379) Hex(FFFFFF) Hex(9796AD) Hex(B2B0C9) Hex(CDCCE5) Hex(EAE8FF)

	Hex(646379)	Hex(FFFFFF)	Hex(9796AD)	Hex(B2B0C9)	Hex(CDCCE5)	Hex(EAE8FF)
Hex(646379)		Ratio: 5.83 AA ¹ AAA 18pt ⁴	Ratio: 2.02 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 4.85 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.83 AA ¹ AAA 18pt ⁴		Ratio: 2.88 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(9796AD)	Ratio: 2.02 Failed ⁵	Ratio: 2.88 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(B2B0C9)	Ratio: 2.76 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(CDCCE5)	Ratio: 3.71 AA 18pt ²	Ratio: 1.57 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵
Hex(EAE8FF)	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.31 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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