

Converting Colors - WCAG Matrix

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

Hex(626680) Hex(FFFFFF) Hex(9599B5) Hex(B0B4D0) Hex(CCCFED) Hex(E8EBFF)

	Hex(626680)	Hex(FFFFFF)	Hex(9599B5)	Hex(B0B4D0)	Hex(CCCFED)	Hex(E8EBFF)
Hex(626680)		Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 4.76 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.63 AA ¹ AAA 18pt ⁴		Ratio: 2.80 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(9599B5)	Ratio: 2.01 Failed ⁵	Ratio: 2.80 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(B0B4D0)	Ratio: 2.76 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(CCCFED)	Ratio: 3.68 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.29 Failed ⁵
Hex(E8EBFF)	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.29 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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