

Converting Colors - WCAG Matrix

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

Hex(5E659B) Hex(FFFFFF) Hex(9398D2) Hex(AEB3EE) Hex(CACEFF) Hex(E7EBFF)

	Hex(5E659B)	Hex(FFFFFF)	Hex(9398D2)	Hex(AEB3EE)	Hex(CACEFF)	Hex(E7EBFF)
Hex(5E659B)		Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.51 AA ¹ AAA 18pt ⁴		Ratio: 2.74 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(9398D2)	Ratio: 2.01 Failed ⁵	Ratio: 2.74 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(AEB3EE)	Ratio: 2.75 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(CACEFF)	Ratio: 3.62 AA 18pt ²	Ratio: 1.52 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.29 Failed ⁵
Hex(E7EBFF)	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.69 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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