

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(687A9E) Hex(BAC1CF) Hex(689E8C) Hex(5C6069) Hex(E8E8E8) Hex(696969)

	Hex(687A9E)	Hex(BAC1CF)	Hex(689E8C)	Hex(5C6069)	Hex(E8E8E8)	Hex(696969)
Hex(687A9E)		Ratio: 2.39 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 1.27 Failed ⁵
Hex(BAC1CF)	Ratio: 2.39 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 1.48 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(689E8C)	Ratio: 1.41 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(5C6069)	Ratio: 1.46 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 2.06 Failed ⁵		Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(E8E8E8)	Ratio: 3.52 AA 18pt ²	Ratio: 1.48 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 5.14 AA ¹ AAA 18pt ⁴		Ratio: 4.48 AA 18pt ²
Hex(696969)	Ratio: 1.27 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.79 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 4.48 AA 18pt ²	

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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