

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(8F7DA1) Hex(CAC2D1) Hex(7D8FA1) Hex(646069) Hex(E8E8E8) Hex(696969)

	Hex(8F7DA1)	Hex(CAC2D1)	Hex(7D8FA1)	Hex(646069)	Hex(E8E8E8)	Hex(696969)
Hex(8F7DA1)		Ratio: 2.16 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.47 Failed ⁵
Hex(CAC2D1)	Ratio: 2.16 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 1.41 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(7D8FA1)	Ratio: 1.12 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(646069)	Ratio: 1.64 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 1.85 Failed ⁵		Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(E8E8E8)	Ratio: 3.05 AA 18pt ²	Ratio: 1.41 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 5.01 AA ¹ AAA 18pt ⁴		Ratio: 4.48 AA 18pt ²
Hex(696969)	Ratio: 1.47 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 1.65 Failed ⁵	Ratio: 1.12 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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