

Converting Colors - WCAG Matrix

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

Hex(8E82A0) Hex(CAC5D1) Hex(8294A0) Hex(646169) Hex(E8E8E8) Hex(696969)

Hex(8E82A0)		Ratio: 2.12 Failed⁵	Ratio: 1.14 Failed⁵	Ratio: 1.69 Failed⁵	Ratio: 2.93 Failed⁵
Hex(CAC5D1)	Ratio: 2.12 Failed⁵		Ratio: 1.86 Failed⁵	Ratio: 3.59 AA 18pt²	Ratio: 1.38 Failed⁵
Hex(8294A0)	Ratio: 1.14 Failed⁵	Ratio: 1.86 Failed⁵		Ratio: 1.94 Failed⁵	Ratio: 2.56 Failed⁵
Hex(646169)	Ratio: 1.69 Failed⁵	Ratio: 3.59 AA 18pt²	Ratio: 1.94 Failed⁵		Ratio: 4.96 AA¹ AAA 18pt⁴
Hex(E8E8E8)	Ratio: 2.93 Failed⁵	Ratio: 1.38 Failed⁵	Ratio: 2.56 Failed⁵	Ratio: 4.96 AA¹ AAA 18pt⁴	
Hex(696969)	Ratio: 1.53 Failed⁵	Ratio: 3.25 AA 18pt²	Ratio: 1.75 Failed⁵	Ratio: 1.11 Failed⁵	Ratio: 4.48 AA 18pt²

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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