

Converting Colors - WCAG Matrix

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

Hex(928C96) Hex(C3C0C4) Hex(8C9096) Hex(636163) Hex(E3E3E3) Hex(636363)

Hex(928C96)		Ratio: 1.82 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(C3C0C4)	Ratio: 1.82 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.40 Failed ⁵
Hex(8C9096)	Ratio: 1.02 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(636163)	Ratio: 1.88 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.91 Failed ⁵		Ratio: 4.78 AA ¹ AAA 18pt ⁴
Hex(E3E3E3)	Ratio: 2.55 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.83 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴

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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