

Converting Colors - WCAG Matrix

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

Hex(909F8F) Hex(C9CFC8) Hex(9F9E8F) Hex(656964) Hex(E8E8E8) Hex(696969)

	Hex(909F8F)	Hex(C9CFC8)	Hex(9F9E8F)	Hex(656964)	Hex(E8E8E8)	Hex(696969)
Hex(909F8F)		Ratio: 1.76 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(C9CFC8)	Ratio: 1.76 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 1.29 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(9F9E8F)	Ratio: 1.03 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(656964)	Ratio: 2.01 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 2.07 Failed ⁵		Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(E8E8E8)	Ratio: 2.27 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴		Ratio: 4.48 AA 18pt ²
Hex(696969)	Ratio: 1.97 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 2.03 Failed ⁵	Ratio: 1.02 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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