

Converting Colors - WCAG Matrix

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

Hex(909E9E) Hex(C8CFCF) Hex(909E90) Hex(646969) Hex(E8E8E8) Hex(696969)

Hex(909E9E)		Ratio: 1.75 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(C8CFCF)	Ratio: 1.75 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 1.29 Failed ⁵
Hex(909E90)	Ratio: 1.01 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(646969)	Ratio: 2.01 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 1.99 Failed ⁵		Ratio: 4.55 AA ¹ AAA 18pt ⁴
Hex(E8E8E8)	Ratio: 2.26 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(696969)	Ratio: 1.98 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 1.96 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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