

Converting Colors - WCAG Matrix

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

Hex(70705C) Hex(91918A) Hex(705C5C) Hex(4A4A46) Hex(C9C9C9) Hex(4A4A4A)

	Hex(70705C)	Hex(91918A)	Hex(705C5C)	Hex(4A4A46)	Hex(C9C9C9)	Hex(4A4A4A)
Hex(70705C)		Ratio: 1.59 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.76 Failed ⁵
Hex(91918A)	Ratio: 1.59 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(705C5C)	Ratio: 1.23 Failed ⁵	Ratio: 1.96 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 1.42 Failed ⁵
Hex(4A4A46)	Ratio: 1.76 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(C9C9C9)	Ratio: 3.05 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 5.38 AA ¹ AAA 18pt ⁴		Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(4A4A4A)	Ratio: 1.76 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 5.35 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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