

Converting Colors - WCAG Matrix

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

Hex(715E52) Hex(948D88) Hex(715265) Hex(4A4543) Hex(C9C9C9) Hex(4A4A4A)

	Hex(715E52)	Hex(948D88)	Hex(715265)	Hex(4A4543)	Hex(C9C9C9)	Hex(4A4A4A)
Hex(715E52)		Ratio: 1.88 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 1.45 Failed ⁵
Hex(948D88)	Ratio: 1.88 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(715265)	Ratio: 1.11 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 1.31 Failed ⁵
Hex(4A4543)	Ratio: 1.54 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(C9C9C9)	Ratio: 3.70 AA 18pt ²	Ratio: 1.97 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 5.70 AA ¹ AAA 18pt ⁴		Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(4A4A4A)	Ratio: 1.45 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.07 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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