

Converting Colors - WCAG Matrix

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

Hex(71716A) Hex(949491) Hex(716A6A) Hex(4A4A48) Hex(C9C9C9) Hex(4A4A4A)

Hex(71716A)		Ratio: 1.62 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(949491)	Ratio: 1.62 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(716A6A)	Ratio: 1.08 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 1.68 Failed ⁵
Hex(4A4A48)	Ratio: 1.81 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(C9C9C9)	Ratio: 2.97 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 5.36 AA ¹ AAA 18pt ⁴		Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(4A4A4A)	Ratio: 1.80 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 1.68 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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