

Converting Colors - WCAG Matrix

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

Hex(7A6861) Hex(9E9795) Hex(7A6173) Hex(4F4B4A) Hex(CFCFCF) Hex(4F4F4F)

	Hex(7A6861)	Hex(9E9795)	Hex(7A6173)	Hex(4F4B4A)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(7A6861)		Ratio: 1.84 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.55 Failed ⁵
Hex(9E9795)	Ratio: 1.84 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(7A6173)	Ratio: 1.05 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 1.48 Failed ⁵
Hex(4F4B4A)	Ratio: 1.63 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.55 Failed ⁵		Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(CFCFCF)	Ratio: 3.39 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 5.53 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.55 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 5.26 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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