

Converting Colors - WCAG Matrix

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

Hex(797977) Hex(9E9E9D) Hex(797777) Hex(4F4F4E) Hex(CFCFCF) Hex(4F4F4F)

Hex(797977)		Ratio: 1.63 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(9E9E9D)	Ratio: 1.63 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.72 Failed ⁵
Hex(797777)	Ratio: 1.02 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(4F4F4E)	Ratio: 1.88 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.84 Failed ⁵		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(CFCFCF)	Ratio: 2.80 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 5.26 AA ¹ AAA 18pt ⁴	
Hex(4F4F4F)	Ratio: 1.88 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 1.00 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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