

Converting Colors - WCAG Matrix

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

Hex(796C71) Hex(9E999B) Hex(746C79) Hex(4F4C4D) Hex(CFCFCF) Hex(4F4F4F)

	Hex(796C71)	Hex(9E999B)	Hex(746C79)	Hex(4F4C4D)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(796C71)		Ratio: 1.78 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.64 Failed ⁵
Hex(9E999B)	Ratio: 1.78 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.80 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(746C79)	Ratio: 1.01 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.62 Failed ⁵
Hex(4F4C4D)	Ratio: 1.70 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.68 Failed ⁵		Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(CFCFCF)	Ratio: 3.21 AA 18pt ²	Ratio: 1.80 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 5.45 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.64 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.04 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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