

Converting Colors - WCAG Matrix

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

Hex(754F50) Hex(998A8A) Hex(744F75) Hex(4D4344) Hex(CCCCCC) Hex(4D4D4D)

	Hex(754F50)	Hex(998A8A)	Hex(744F75)	Hex(4D4344)	Hex(CCCCCC)	Hex(4D4D4D)
Hex(754F50)		Ratio: 2.13 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 4.37 AA 18pt ²	Ratio: 1.20 Failed ⁵
Hex(998A8A)	Ratio: 2.13 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(744F75)	Ratio: 1.04 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 4.19 AA 18pt ²	Ratio: 1.26 Failed ⁵
Hex(4D4344)	Ratio: 1.36 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(CCCCCC)	Ratio: 4.37 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 4.19 AA 18pt ²	Ratio: 5.94 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4D4D4D)	Ratio: 1.20 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 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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