

Converting Colors - WCAG Matrix

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

Hex(6C4733) Hex(8C7E76) Hex(6C3358) Hex(473F3A) Hex(C7C7C7) Hex(474747)

	Hex(6C4733)	Hex(8C7E76)	Hex(6C3358)	Hex(473F3A)	Hex(C7C7C7)	Hex(474747)
Hex(6C4733)		Ratio: 2.07 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(8C7E76)	Ratio: 2.07 Failed ⁵		Ratio: 2.38 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(6C3358)	Ratio: 1.15 Failed ⁵	Ratio: 2.38 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(473F3A)	Ratio: 1.27 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 6.09 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(C7C7C7)	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 2.32 Failed ⁵	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 6.09 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(474747)	Ratio: 1.14 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 5.50 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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