

Converting Colors - WCAG Matrix

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

Hex(6C5741) Hex(8C847B) Hex(6C4156) Hex(47433D) Hex(C7C7C7) Hex(474747)

	Hex(6C5741)	Hex(8C847B)	Hex(6C4156)	Hex(47433D)	Hex(C7C7C7)	Hex(474747)
Hex(6C5741)		Ratio: 1.85 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 1.36 Failed ⁵
Hex(8C847B)	Ratio: 1.85 Failed ⁵		Ratio: 2.26 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(6C4156)	Ratio: 1.22 Failed ⁵	Ratio: 2.26 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(47433D)	Ratio: 1.44 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(C7C7C7)	Ratio: 4.04 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 5.81 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(474747)	Ratio: 1.36 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 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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