

Converting Colors - WCAG Matrix

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

Hex(6B5B52) Hex(8C8682) Hex(6B5262) Hex(474442) Hex(C7C7C7) Hex(474747)

	Hex(6B5B52)	Hex(8C8682)	Hex(6B5262)	Hex(474442)	Hex(C7C7C7)	Hex(474747)
Hex(6B5B52)		Ratio: 1.80 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 1.44 Failed ⁵
Hex(8C8682)	Ratio: 1.80 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(6B5262)	Ratio: 1.08 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 1.33 Failed ⁵
Hex(474442)	Ratio: 1.49 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(C7C7C7)	Ratio: 3.83 AA 18pt ²	Ratio: 2.12 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 5.72 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(474747)	Ratio: 1.44 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.04 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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