

Converting Colors - WCAG Matrix

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

Hex(6A6C57) Hex(8B8C84) Hex(6C5957) Hex(474742) Hex(C7C7C7) Hex(474747)

	Hex(6A6C57)	Hex(8B8C84)	Hex(6C5957)	Hex(474742)	Hex(C7C7C7)	Hex(474747)
Hex(6A6C57)		Ratio: 1.59 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 1.72 Failed ⁵
Hex(8B8C84)	Ratio: 1.59 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(6C5957)	Ratio: 1.22 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 1.42 Failed ⁵
Hex(474742)	Ratio: 1.73 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(C7C7C7)	Ratio: 3.19 AA 18pt ²	Ratio: 2.01 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 5.53 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(474747)	Ratio: 1.72 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.01 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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