

Converting Colors - WCAG Matrix

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

Hex(6E5620) Hex(8F8671) Hex(6E2037) Hex(474236) Hex(C7C7C7) Hex(474747)

	Hex(6E5620)	Hex(8F8671)	Hex(6E2037)	Hex(474236)	Hex(C7C7C7)	Hex(474747)
Hex(6E5620)		Ratio: 1.93 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 1.33 Failed ⁵
Hex(8F8671)	Ratio: 1.93 Failed ⁵		Ratio: 3.02 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(6E2037)	Ratio: 1.57 Failed ⁵	Ratio: 3.02 AA 18pt ²		Ratio: 1.09 Failed ⁵	Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(474236)	Ratio: 1.44 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 5.91 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(C7C7C7)	Ratio: 4.12 AA 18pt ²	Ratio: 2.14 Failed ⁵	Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 5.91 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(474747)	Ratio: 1.33 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 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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