

Converting Colors - WCAG Matrix

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

Hex(6E5D36) Hex(8F8879) Hex(6E3646) Hex(47443B) Hex(C7C7C7) Hex(474747)

	Hex(6E5D36)	Hex(8F8879)	Hex(6E3646)	Hex(47443B)	Hex(C7C7C7)	Hex(474747)
Hex(6E5D36)		Ratio: 1.82 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 1.45 Failed ⁵
Hex(8F8879)	Ratio: 1.82 Failed ⁵		Ratio: 2.62 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(6E3646)	Ratio: 1.44 Failed ⁵	Ratio: 2.62 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(47443B)	Ratio: 1.52 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(C7C7C7)	Ratio: 3.79 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 5.76 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(474747)	Ratio: 1.45 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.05 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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