

Converting Colors - WCAG Matrix

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

Hex(6E1808) Hex(8F6D67) Hex(6E085F) Hex(47332F) Hex(C7C7C7) Hex(474747)

	Hex(6E1808)	Hex(8F6D67)	Hex(6E085F)	Hex(47332F)	Hex(C7C7C7)	Hex(474747)
Hex(6E1808)		Ratio: 2.53 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.91 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵
Hex(8F6D67)	Ratio: 2.53 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(6E085F)	Ratio: 1.04 Failed ⁵	Ratio: 2.44 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 6.67 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(47332F)	Ratio: 1.01 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 6.97 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵
Hex(C7C7C7)	Ratio: 6.91 AA ¹ AAA 18pt ⁴	Ratio: 2.73 Failed ⁵	Ratio: 6.67 AA ¹ AAA 18pt ⁴	Ratio: 6.97 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(474747)	Ratio: 1.26 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.27 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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