

Converting Colors - WCAG Matrix

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

Hex(6E6E66) Hex(8F8F82) Hex(6A6E66) Hex(383832) Hex(787800) Hex(F7F700)

	Hex(6E6E66)	Hex(8F8F82)	Hex(6A6E66)	Hex(383832)	Hex(787800)	Hex(F7F700)
Hex(6E6E66)		Ratio: 1.57 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.47 AA 18pt ²
Hex(8F8F82)	Ratio: 1.57 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 2.84 Failed ⁵
Hex(6A6E66)	Ratio: 1.01 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 2.27 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 4.53 AA ¹ AAA 18pt ⁴
Hex(383832)	Ratio: 2.30 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 2.27 Failed ⁵		Ratio: 2.52 Failed ⁵	Ratio: 10.26 Passed ⁶
Hex(787800)	Ratio: 1.10 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.52 Failed ⁵		Ratio: 4.07 AA 18pt ²
Hex(F7F700)	Ratio: 4.47 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 10.26 Passed ⁶	Ratio: 4.07 AA 18pt ²	

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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