

Converting Colors - WCAG Matrix

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

Hex(806963) Hex(664F4D) Hex(4F3836) Hex(382421) Hex(210F08) Hex(000000)

	Hex(806963)	Hex(664F4D)	Hex(4F3836)	Hex(382421)	Hex(210F08)	Hex(000000)
Hex(806963)		Ratio: 1.48 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 4.12 AA 18pt ²
Hex(664F4D)	Ratio: 1.48 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(4F3836)	Ratio: 2.11 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(382421)	Ratio: 2.86 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(210F08)	Ratio: 3.62 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(000000)	Ratio: 4.12 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.14 Failed ⁵	

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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