

Converting Colors - WCAG Matrix

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

Hex(7A665D) Hex(614E45) Hex(49372F) Hex(32221A) Hex(1E0C00) Hex(000000)

	Hex(7A665D)	Hex(614E45)	Hex(49372F)	Hex(32221A)	Hex(1E0C00)	Hex(000000)
Hex(7A665D)		Ratio: 1.45 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 3.89 AA 18pt ²
Hex(614E45)	Ratio: 1.45 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(49372F)	Ratio: 2.08 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(32221A)	Ratio: 2.82 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(1E0C00)	Ratio: 3.51 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(000000)	Ratio: 3.89 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.11 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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