

Converting Colors - WCAG Matrix

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

	Hex(7F8045)	Hex(65672D)	Hex(4C4F16)	Hex(343800)	Hex(1E2300)	Hex(000F00)	Hex(000000)
Hex(7F8045)		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 5.08 AA ¹ AAA 18pt ⁴
Hex(65672D)	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 3.53 AA 18pt ²
Hex(4C4F16)	Ratio: 2.08 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(343800)	Ratio: 2.97 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(1E2300)	Ratio: 3.92 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(000F00)	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 3.31 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 3.53 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.07 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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