

Converting Colors - WCAG Matrix

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

	Hex(99665C)	Hex(7E4E44)	Hex(64362E)	Hex(4A2019)	Hex(330B00)	Hex(190001)	Hex(000000)
Hex(99665C)		Ratio: 1.44 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 4.23 AA 18pt ²	Ratio: 4.41 AA 18pt ²
Hex(7E4E44)	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(64362E)	Ratio: 2.09 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(4A2019)	Ratio: 2.92 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(330B00)	Ratio: 3.71 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(190001)	Ratio: 4.23 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(000000)	Ratio: 4.41 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.04 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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