

Converting Colors - WCAG Matrix

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

	Hex(98694E)	Hex(7D5137)	Hex(623A21)	Hex(49240B)	Hex(300F00)	Hex(150000)	Hex(000000)
Hex(98694E)		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 4.33 AA 18pt ²	Ratio: 4.47 AA 18pt ²
Hex(7D5137)	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 3.10 AA 18pt ²
Hex(623A21)	Ratio: 2.08 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(49240B)	Ratio: 2.90 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(300F00)	Ratio: 3.74 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(150000)	Ratio: 4.33 AA 18pt ²	Ratio: 3.01 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 4.47 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.03 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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