

Converting Colors - WCAG Matrix

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

Hex(7B5A51) Hex(61423A) Hex(492C24) Hex(311710) Hex(1D0000) Hex(000000)

	Hex(7B5A51)	Hex(61423A)	Hex(492C24)	Hex(311710)	Hex(1D0000)	Hex(000000)
Hex(7B5A51)		Ratio: 1.46 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 3.42 AA 18pt ²
Hex(61423A)	Ratio: 1.46 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(492C24)	Ratio: 2.05 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(311710)	Ratio: 2.72 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(1D0000)	Ratio: 3.25 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 3.42 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.05 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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