

Converting Colors - WCAG Matrix

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

	Hex(AB6A52)	Hex(8F513B)	Hex(733A25)	Hex(582310)	Hex(3F0C00)	Hex(270000)	Hex(000000)
Hex(AB6A52)		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 4.92 AA ¹ AAA 18pt ⁴
Hex(8F513B)	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 3.41 AA 18pt ²
Hex(733A25)	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(582310)	Ratio: 2.96 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(3F0C00)	Ratio: 3.89 AA 18pt ²	Ratio: 2.70 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(270000)	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 3.14 AA 18pt ²	Ratio: 2.17 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(000000)	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 3.41 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.09 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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