

Converting Colors - WCAG Matrix

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

Hex(8B5F4D) Hex(B57053) Hex(8B7E4D) Hex(45403E) Hex(852600) Hex(050100)

	Hex(8B5F4D)	Hex(B57053)	Hex(8B7E4D)	Hex(45403E)	Hex(852600)	Hex(050100)
Hex(8B5F4D)		Ratio: 1.41 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 3.80 AA 18pt ²
Hex(B57053)	Ratio: 1.41 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(8B7E4D)	Ratio: 1.35 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.52 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 5.13 AA ¹ AAA 18pt ⁴
Hex(45403E)	Ratio: 1.87 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.52 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(852600)	Ratio: 1.69 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.25 Failed ⁵
Hex(050100)	Ratio: 3.80 AA 18pt ²	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 2.25 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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