

Converting Colors - WCAG Matrix

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

Hex(8B633D) Hex(B5773C) Hex(8B8A3D) Hex(45413E) Hex(854100) Hex(050200)

	Hex(8B633D)	Hex(B5773C)	Hex(8B8A3D)	Hex(45413E)	Hex(854100)	Hex(050200)
Hex(8B633D)		Ratio: 1.44 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 3.89 AA 18pt ²
Hex(B5773C)	Ratio: 1.44 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 5.58 AA ¹ AAA 18pt ⁴
Hex(8B8A3D)	Ratio: 1.47 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.79 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 5.71 AA ¹ AAA 18pt ⁴
Hex(45413E)	Ratio: 1.90 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.79 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(854100)	Ratio: 1.43 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.71 Failed ⁵
Hex(050200)	Ratio: 3.89 AA 18pt ²	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 2.05 Failed ⁵	Ratio: 2.71 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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