

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(8B734B) Hex(B59050) Hex(848B4B) Hex(45423E) Hex(855400) Hex(050300)

Hex(8B734B)		Ratio: 1.52 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴
Hex(B59050)	Ratio: 1.52 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 2.17 Failed ⁵	Ratio: 6.94 AA ¹ AAA 18pt ⁴
Hex(848B4B)	Ratio: 1.24 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.75 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 5.67 AA ¹ AAA 18pt ⁴
Hex(45423E)	Ratio: 2.21 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 2.75 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(855400)	Ratio: 1.42 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 3.20 AA 18pt ²
Hex(050300)	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 6.94 AA ¹ AAA 18pt ⁴	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 2.06 Failed ⁵	Ratio: 3.20 AA 18pt ²	

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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