

Converting Colors - WCAG Matrix

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

Hex(B37918) Hex(E8D1AC) Hex(B31853) Hex(756851) Hex(F5F5F5) Hex(757575)

	Hex(B37918)	Hex(E8D1AC)	Hex(B31853)	Hex(756851)	Hex(F5F5F5)	Hex(757575)
Hex(B37918)		Ratio: 2.50 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 1.24 Failed ⁵
Hex(E8D1AC)	Ratio: 2.50 Failed ⁵		Ratio: 4.46 AA 18pt ²	Ratio: 3.67 AA 18pt ²	Ratio: 1.36 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(B31853)	Ratio: 1.79 Failed ⁵	Ratio: 4.46 AA 18pt ²		Ratio: 1.22 Failed ⁵	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 1.44 Failed ⁵
Hex(756851)	Ratio: 1.47 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.22 Failed ⁵		Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(F5F5F5)	Ratio: 3.40 AA 18pt ²	Ratio: 1.36 Failed ⁵	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 5.00 AA ¹ AAA 18pt ⁴		Ratio: 4.23 AA 18pt ²
Hex(757575)	Ratio: 1.24 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 1.44 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 4.23 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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