

Converting Colors - WCAG Matrix

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

Hex(B38029) Hex(E8D4B3) Hex(B3295B) Hex(756954) Hex(F5F5F5) Hex(757575)

	Hex(B38029)	Hex(E8D4B3)	Hex(B3295B)	Hex(756954)	Hex(F5F5F5)	Hex(757575)
Hex(B38029)		Ratio: 2.40 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 1.32 Failed ⁵
Hex(E8D4B3)	Ratio: 2.40 Failed ⁵		Ratio: 4.28 AA 18pt ²	Ratio: 3.71 AA 18pt ²	Ratio: 1.33 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(B3295B)	Ratio: 1.78 Failed ⁵	Ratio: 4.28 AA 18pt ²		Ratio: 1.15 Failed ⁵	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 1.35 Failed ⁵
Hex(756954)	Ratio: 1.55 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 1.15 Failed ⁵		Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(F5F5F5)	Ratio: 3.19 AA 18pt ²	Ratio: 1.33 Failed ⁵	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 4.93 AA ¹ AAA 18pt ⁴		Ratio: 4.23 AA 18pt ²
Hex(757575)	Ratio: 1.32 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 1.35 Failed ⁵	Ratio: 1.17 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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