

Converting Colors - WCAG Matrix

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

Hex(B5842C) Hex(EBD7B5) Hex(B52C5E) Hex(756A54) Hex(F5F5F5) Hex(757575)

	Hex(B5842C)	Hex(EBD7B5)	Hex(B52C5E)	Hex(756A54)	Hex(F5F5F5)	Hex(757575)
Hex(B5842C)		Ratio: 2.37 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.38 Failed ⁵
Hex(EBD7B5)	Ratio: 2.37 Failed ⁵		Ratio: 4.28 AA 18pt ²	Ratio: 3.78 AA 18pt ²	Ratio: 1.29 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(B52C5E)	Ratio: 1.81 Failed ⁵	Ratio: 4.28 AA 18pt ²		Ratio: 1.13 Failed ⁵	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵
Hex(756A54)	Ratio: 1.60 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 1.13 Failed ⁵		Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(F5F5F5)	Ratio: 3.06 AA 18pt ²	Ratio: 1.29 Failed ⁵	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 4.88 AA ¹ AAA 18pt ⁴		Ratio: 4.23 AA 18pt ²
Hex(757575)	Ratio: 1.38 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 1.16 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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