

Converting Colors - WCAG Matrix

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

Hex(B5A370) Hex(EBE4D1) Hex(B57082) Hex(757166) Hex(F5F5F5) Hex(757575)

	Hex(B5A370)	Hex(EBE4D1)	Hex(B57082)	Hex(757166)	Hex(F5F5F5)	Hex(757575)
Hex(B5A370)		Ratio: 1.96 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(EBE4D1)	Ratio: 1.96 Failed ⁵		Ratio: 2.95 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 1.16 Failed ⁵	Ratio: 3.63 AA 18pt ²
Hex(B57082)	Ratio: 1.51 Failed ⁵	Ratio: 2.95 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.23 Failed ⁵
Hex(757166)	Ratio: 1.96 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 1.30 Failed ⁵		Ratio: 4.47 AA 18pt ²	Ratio: 1.06 Failed ⁵
Hex(F5F5F5)	Ratio: 2.28 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 4.47 AA 18pt ²		Ratio: 4.23 AA 18pt ²
Hex(757575)	Ratio: 1.85 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 1.23 Failed ⁵	Ratio: 1.06 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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