

Converting Colors - WCAG Matrix

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

Hex(B35621) Hex(E8C5B0) Hex(B32180) Hex(756053) Hex(F5F5F5) Hex(757575)

	Hex(B35621)	Hex(E8C5B0)	Hex(B32180)	Hex(756053)	Hex(F5F5F5)	Hex(757575)
Hex(B35621)		Ratio: 3.06 AA 18pt ²	Ratio: 1.24 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(E8C5B0)	Ratio: 3.06 AA 18pt ²		Ratio: 3.79 AA 18pt ²	Ratio: 3.67 AA 18pt ²	Ratio: 1.48 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(B32180)	Ratio: 1.24 Failed ⁵	Ratio: 3.79 AA 18pt ²		Ratio: 1.03 Failed ⁵	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵
Hex(756053)	Ratio: 1.20 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.03 Failed ⁵		Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵
Hex(F5F5F5)	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 1.48 Failed ⁵	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 5.42 AA ¹ AAA 18pt ⁴		Ratio: 4.23 AA 18pt ²
Hex(757575)	Ratio: 1.07 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.28 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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