

Converting Colors - WCAG Matrix

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

Hex(ECEBE9) Hex(FFFEFC) Hex(ECECE9) Hex(757574) Hex(B56300) Hex(361D00)

Hex(ECEBE9)		Ratio: 1.18 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 3.71 AA 18pt ²	Ratio: 13.23 Passed ⁶
Hex(FFFEFC)	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 4.39 AA 18pt ²	Ratio: 15.63 Passed ⁶
Hex(ECECE9)	Ratio: 1.01 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 3.90 AA 18pt ²	Ratio: 3.74 AA 18pt ²	Ratio: 13.31 Passed ⁶
Hex(757574)	Ratio: 3.87 AA 18pt ²	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 3.90 AA 18pt ²		Ratio: 1.04 Failed ⁵	Ratio: 3.42 AA 18pt ²
Hex(B56300)	Ratio: 3.71 AA 18pt ²	Ratio: 4.39 AA 18pt ²	Ratio: 3.74 AA 18pt ²	Ratio: 1.04 Failed ⁵		Ratio: 3.56 AA 18pt ²
Hex(361D00)	Ratio: 13.23 Passed ⁶	Ratio: 15.63 Passed ⁶	Ratio: 13.31 Passed ⁶	Ratio: 3.42 AA 18pt ²	Ratio: 3.56 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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