

Converting Colors - WCAG Matrix

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

Hex(73745E) Hex(959674) Hex(68745E) Hex(3A3B35) Hex(757A00) Hex(EFFA00)

	Hex(73745E)	Hex(959674)	Hex(68745E)	Hex(3A3B35)	Hex(757A00)	Hex(EFFA00)
Hex(73745E)		Ratio: 1.57 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 4.18 AA 18pt ²
Hex(959674)	Ratio: 1.57 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 1.52 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(68745E)	Ratio: 1.03 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 2.29 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.32 AA 18pt ²
Hex(3A3B35)	Ratio: 2.36 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 2.29 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 9.88 Passed ⁶
Hex(757A00)	Ratio: 1.03 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.44 Failed ⁵		Ratio: 4.04 AA 18pt ²
Hex(EFFA00)	Ratio: 4.18 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 4.32 AA 18pt ²	Ratio: 9.88 Passed ⁶	Ratio: 4.04 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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