

Converting Colors - WCAG Matrix

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

Hex(66625B) Hex(857E73) Hex(65665B) Hex(33312E) Hex(734900) Hex(F29A00)

	Hex(66625B)	Hex(857E73)	Hex(65665B)	Hex(33312E)	Hex(734900)	Hex(F29A00)
Hex(66625B)		Ratio: 1.51 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(857E73)	Ratio: 1.51 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(65665B)	Ratio: 1.04 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(33312E)	Ratio: 2.14 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 2.23 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 5.80 AA ¹ AAA 18pt ⁴
Hex(734900)	Ratio: 1.29 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 3.50 AA 18pt ²
Hex(F29A00)	Ratio: 2.71 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 5.80 AA ¹ AAA 18pt ⁴	Ratio: 3.50 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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