

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(665A4C) Hex(85735B) Hex(65664C) Hex(33312E) Hex(734000) Hex(F28800)

	Hex(665A4C)	Hex(85735B)	Hex(65664C)	Hex(33312E)	Hex(734000)	Hex(F28800)
Hex(665A4C)		Ratio: 1.47 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(85735B)	Ratio: 1.47 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(65664C)	Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 2.20 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(33312E)	Ratio: 1.93 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 2.20 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(734000)	Ratio: 1.27 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 3.37 AA 18pt ²
Hex(F28800)	Ratio: 2.65 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 3.37 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.