

Converting Colors - WCAG Matrix

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

Hex(4F4B47) Hex(665F59) Hex(4F4F47) Hex(292725) Hex(693000) Hex(E86B00)

	Hex(4F4B47)	Hex(665F59)	Hex(4F4F47)	Hex(292725)	Hex(693000)	Hex(E86B00)
Hex(4F4B47)		Ratio: 1.38 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(665F59)	Ratio: 1.38 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(4F4F47)	Ratio: 1.05 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(292725)	Ratio: 1.72 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 4.63 AA ¹ AAA 18pt ⁴
Hex(693000)	Ratio: 1.20 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 3.23 AA 18pt ²
Hex(E86B00)	Ratio: 2.69 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 3.23 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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