

Converting Colors - WCAG Matrix

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

Hex(533A2F) Hex(6B4433) Hex(534C2F) Hex(292625) Hex(692000) Hex(E84700)

	Hex(533A2F)	Hex(6B4433)	Hex(534C2F)	Hex(292625)	Hex(692000)	Hex(E84700)
Hex(533A2F)		Ratio: 1.24 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(6B4433)	Ratio: 1.24 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(534C2F)	Ratio: 1.21 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(292625)	Ratio: 1.44 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 3.81 AA 18pt ²
Hex(692000)	Ratio: 1.11 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 2.95 Failed ⁵
Hex(E84700)	Ratio: 2.65 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 2.95 Failed ⁵	

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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