

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(523E30) Hex(6B4D37) Hex(524F30) Hex(292625) Hex(692C00) Hex(E86200)

	Hex(523E30)	Hex(6B4D37)	Hex(524F30)	Hex(292625)	Hex(692C00)	Hex(E86200)
Hex(523E30)		Ratio: 1.31 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(6B4D37)	Ratio: 1.31 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(524F30)	Ratio: 1.21 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(292625)	Ratio: 1.50 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 4.42 AA 18pt ²
Hex(692C00)	Ratio: 1.07 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 3.15 AA 18pt ²
Hex(E86200)	Ratio: 2.96 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 4.42 AA 18pt ²	Ratio: 3.15 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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