

Converting Colors - WCAG Matrix

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

Hex(533027) Hex(6B3527) Hex(534627) Hex(292625) Hex(691500) Hex(E82F00)

	Hex(533027)	Hex(6B3527)	Hex(534627)	Hex(292625)	Hex(691500)	Hex(E82F00)
Hex(533027)		Ratio: 1.19 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(6B3527)	Ratio: 1.19 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(534627)	Ratio: 1.25 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(292625)	Ratio: 1.30 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(691500)	Ratio: 1.07 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.83 Failed ⁵
Hex(E82F00)	Ratio: 2.66 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 2.83 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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