

Converting Colors - WCAG Matrix

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

Hex(553927) Hex(6E4326) Hex(555027) Hex(2B2927) Hex(6B2A00) Hex(EB5D00)

	Hex(553927)	Hex(6E4326)	Hex(555027)	Hex(2B2927)	Hex(6B2A00)	Hex(EB5D00)
Hex(553927)		Ratio: 1.25 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(6E4326)	Ratio: 1.25 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(555027)	Ratio: 1.28 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(2B2927)	Ratio: 1.38 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 4.21 AA 18pt ²
Hex(6B2A00)	Ratio: 1.02 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 3.12 AA 18pt ²
Hex(EB5D00)	Ratio: 3.05 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 4.21 AA 18pt ²	Ratio: 3.12 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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