

Converting Colors - WCAG Matrix

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

Hex(554F50) Hex(6E6566) Hex(55514F) Hex(2B2728) Hex(6B0012) Hex(EB0027)

	Hex(554F50)	Hex(6E6566)	Hex(55514F)	Hex(2B2728)	Hex(6B0012)	Hex(EB0027)
Hex(554F50)		Ratio: 1.42 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(6E6566)	Ratio: 1.42 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(55514F)	Ratio: 1.02 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(2B2728)	Ratio: 1.84 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.88 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(6B0012)	Ratio: 1.60 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(EB0027)	Ratio: 1.74 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 2.79 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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