

Converting Colors - WCAG Matrix

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

Hex(544C50) Hex(6E6268) Hex(544C4C) Hex(292527) Hex(690034) Hex(E80074)

	Hex(544C50)	Hex(6E6268)	Hex(544C4C)	Hex(292527)	Hex(690034)	Hex(E80074)
Hex(544C50)		Ratio: 1.43 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(6E6268)	Ratio: 1.43 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(544C4C)	Ratio: 1.00 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(292527)	Ratio: 1.82 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(690034)	Ratio: 1.53 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.84 Failed ⁵
Hex(E80074)	Ratio: 1.85 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 2.84 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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