

Converting Colors - WCAG Matrix

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

Hex(544C4C) Hex(6E6061) Hex(4C5054) Hex(292525) Hex(690002) Hex(E80004)

	Hex(544C4C)	Hex(6E6061)	Hex(4C5054)	Hex(292525)	Hex(690002)	Hex(E80004)
Hex(544C4C)		Ratio: 1.40 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(6E6061)	Ratio: 1.40 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(4C5054)	Ratio: 1.03 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(292525)	Ratio: 1.82 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(690002)	Ratio: 1.57 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(E80004)	Ratio: 1.76 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 2.77 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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