

Converting Colors - WCAG Matrix

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

Hex(593E3E) Hex(412829) Hex(2B1414) Hex(140000) Hex(000000)

	Hex(593E3E)	Hex(412829)	Hex(2B1414)	Hex(140000)	Hex(000000)
Hex(593E3E)		Ratio: 1.40 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(412829)	Ratio: 1.40 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(2B1414)	Ratio: 1.80 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(140000)	Ratio: 2.12 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 2.18 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.03 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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