

Converting Colors - WCAG Matrix

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

Hex(533036) Hex(6B343E) Hex(485330) Hex(292525) Hex(690012) Hex(E80028)

	Hex(533036)	Hex(6B343E)	Hex(485330)	Hex(292525)	Hex(690012)	Hex(E80028)
Hex(533036)		Ratio: 1.19 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(6B343E)	Ratio: 1.19 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(485330)	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(292525)	Ratio: 1.33 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(690012)	Ratio: 1.15 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(E80028)	Ratio: 2.42 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 3.22 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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