

Converting Colors - WCAG Matrix

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

Hex(532021) Hex(6B1D1D) Hex(533920) Hex(292525) Hex(690000) Hex(E80000)

	Hex(532021)	Hex(6B1D1D)	Hex(533920)	Hex(292525)	Hex(690000)	Hex(E80000)
Hex(532021)		Ratio: 1.14 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(6B1D1D)	Ratio: 1.14 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(533920)	Ratio: 1.24 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(292525)	Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(690000)	Ratio: 1.00 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(E80000)	Ratio: 2.78 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.24 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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