

Converting Colors - WCAG Matrix

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

	Hex(4E2323)	Hex(662323)	Hex(4E3923)	Hex(262222)	Hex(660000)	Hex(E60000)
Hex(4E2323)		Ratio: 1.15 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(662323)	Ratio: 1.15 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(4E3923)	Ratio: 1.22 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(262222)	Ratio: 1.19 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(660000)	Ratio: 1.02 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(E60000)	Ratio: 2.75 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 2.79 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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