

Converting Colors - WCAG Matrix

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

Hex(992424) Hex(C71010) Hex(995D24) Hex(4D4545) Hex(8C0000) Hex(0D0000)

	Hex(992424)	Hex(C71010)	Hex(995D24)	Hex(4D4545)	Hex(8C0000)	Hex(0D0000)
Hex(992424)		Ratio: 1.33 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(C71010)	Ratio: 1.33 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(995D24)	Ratio: 1.50 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 3.88 AA 18pt ²
Hex(4D4545)	Ratio: 1.17 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(8C0000)	Ratio: 1.24 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.08 Failed ⁵
Hex(0D0000)	Ratio: 2.59 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 3.88 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 2.08 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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