

Converting Colors - WCAG Matrix

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

Hex(99000A) Hex(C7000D) Hex(005799) Hex(4D4545) Hex(8C0009) Hex(0D0001)

	Hex(99000A)	Hex(C7000D)	Hex(005799)	Hex(4D4545)	Hex(8C0009)	Hex(0D0001)
Hex(99000A)		Ratio: 1.46 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(C7000D)	Ratio: 1.46 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(005799)	Ratio: 1.20 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(4D4545)	Ratio: 1.05 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(8C0009)	Ratio: 1.11 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.08 Failed ⁵
Hex(0D0001)	Ratio: 2.32 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 2.77 Failed ⁵	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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