

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(9C1029) Hex(C90025) Hex(6F9C10) Hex(4F4749) Hex(8F001A) Hex(0F0003)

Hex(9C1029)		Ratio: 1.39 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(C90025)	Ratio: 1.39 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 3.44 AA 18pt ²
Hex(6F9C10)	Ratio: 2.56 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 2.76 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 6.30 AA ¹ AAA 18pt ⁴
Hex(4F4749)	Ratio: 1.08 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 2.76 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(8F001A)	Ratio: 1.15 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.14 Failed ⁵
Hex(0F0003)	Ratio: 2.47 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 6.30 AA ¹ AAA 18pt ⁴	Ratio: 2.28 Failed ⁵	Ratio: 2.14 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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