

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(96215E) Hex(C20C6B) Hex(969221) Hex(4A4346) Hex(8A0048) Hex(0A0005)

Hex(96215E)		Ratio: 1.33 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(C20C6B)	Ratio: 1.33 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 3.51 AA 18pt ²
Hex(969221)	Ratio: 2.40 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 2.95 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 6.34 AA ¹ AAA 18pt ⁴
Hex(4A4346)	Ratio: 1.23 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.95 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(8A0048)	Ratio: 1.23 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 2.14 Failed ⁵
Hex(0A0005)	Ratio: 2.64 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 2.15 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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