

Converting Colors - WCAG Matrix

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

Hex(0E0803) Hex(12100E) Hex(0E0309) Hex(0A0907) Hex(8A8A8A) Hex(0A0A0A)

	Hex(0E0803)	Hex(12100E)	Hex(0E0309)	Hex(0A0907)	Hex(8A8A8A)	Hex(0A0A0A)
Hex(0E0803)		Ratio: 1.05 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(12100E)	Ratio: 1.05 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(0E0309)		Ratio: 1.07 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 5.87 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(0A0907)	Ratio: 1.00 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(8A8A8A)	Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 5.87 AA ¹ AAA 18pt ⁴	Ratio: 5.77 AA ¹ AAA 18pt ⁴		Ratio: 5.73 AA ¹ AAA 18pt ⁴
Hex(0A0A0A)	Ratio: 1.01 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 5.73 AA ¹ AAA 18pt ⁴	

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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