

Converting Colors - WCAG Matrix

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

Hex(0D0300) Hex(120E0C) Hex(0D000A) Hex(0A0707) Hex(8A8A8A) Hex(0A0A0A)

	Hex(0D0300)	Hex(120E0C)	Hex(0D000A)	Hex(0A0707)	Hex(8A8A8A)	Hex(0A0A0A)
Hex(0D0300)		Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 5.90 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(120E0C)	Ratio: 1.06 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(0D000A)	Ratio: 1.01 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(0A0707)	Ratio: 1.02 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(8A8A8A)	Ratio: 5.90 AA ¹ AAA 18pt ⁴	Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 5.81 AA ¹ AAA 18pt ⁴		Ratio: 5.73 AA ¹ AAA 18pt ⁴
Hex(0A0A0A)	Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.04 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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