

Converting Colors - WCAG Matrix

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

Hex(0A1616) Hex(181C1C) Hex(0A160A) Hex(0C0F0F) Hex(8F8F8F) Hex(0F0F0F)

	Hex(0A1616)	Hex(181C1C)	Hex(0A160A)	Hex(0C0F0F)	Hex(8F8F8F)	Hex(0F0F0F)
Hex(0A1616)		Ratio: 1.07 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(181C1C)	Ratio: 1.07 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(0A160A)	Ratio: 1.01 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(0C0F0F)	Ratio: 1.04 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(8F8F8F)	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 5.95 AA ¹ AAA 18pt ⁴		Ratio: 5.93 AA ¹ AAA 18pt ⁴
Hex(0F0F0F)	Ratio: 1.04 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 5.93 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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