

Converting Colors - WCAG Matrix

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

Hex(06150E) Hex(161C19) Hex(0D1506) Hex(0B0F0E) Hex(8F8F8F) Hex(0F0F0F)

	Hex(06150E)	Hex(161C19)	Hex(0D1506)	Hex(0B0F0E)	Hex(8F8F8F)	Hex(0F0F0F)
Hex(06150E)		Ratio: 1.08 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 5.79 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(161C19)	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(0D1506)	Ratio: 1.00 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(0B0F0E)	Ratio: 1.03 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(8F8F8F)	Ratio: 5.79 AA ¹ AAA 18pt ⁴	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 5.96 AA ¹ AAA 18pt ⁴		Ratio: 5.93 AA ¹ AAA 18pt ⁴
Hex(0F0F0F)	Ratio: 1.02 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 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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