

Converting Colors - WCAG Matrix

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

Hex(131717) Hex(1D1F1F) Hex(131713) Hex(0E0F0F) Hex(8F8F8F) Hex(0F0F0F)

	Hex(131717)	Hex(1D1F1F)	Hex(131713)	Hex(0E0F0F)	Hex(8F8F8F)	Hex(0F0F0F)
Hex(131717)		Ratio: 1.09 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(1D1F1F)	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(131713)	Ratio: 1.00 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(0E0F0F)	Ratio: 1.06 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(8F8F8F)	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 5.94 AA ¹ AAA 18pt ⁴		Ratio: 5.93 AA ¹ AAA 18pt ⁴
Hex(0F0F0F)	Ratio: 1.06 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.06 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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