

Converting Colors - WCAG Matrix

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

Hex(161714) Hex(1E1F1D) Hex(171514) Hex(0F0F0F) Hex(8F8F8F)

	Hex(161714)	Hex(1E1F1D)	Hex(171514)	Hex(0F0F0F)	Hex(8F8F8F)
Hex(161714)		Ratio: 1.09 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 5.57 AA ¹ AAA 18pt ⁴
Hex(1E1F1D)	Ratio: 1.09 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(171514)	Ratio: 1.01 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 5.63 AA ¹ AAA 18pt ⁴
Hex(0F0F0F)	Ratio: 1.06 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 5.93 AA ¹ AAA 18pt ⁴
Hex(8F8F8F)	Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 5.63 AA ¹ AAA 18pt ⁴	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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