

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(1A1619) Hex(212021) Hex(17161A) Hex(121112) Hex(919191) Hex(121212)

	Hex(1A1619)	Hex(212021)	Hex(17161A)	Hex(121112)	Hex(919191)	Hex(121212)
Hex(1A1619)		Ratio: 1.10 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(212021)	Ratio: 1.10 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(17161A)	Ratio: 1.01 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(121112)	Ratio: 1.05 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(919191)	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 5.98 AA ¹ AAA 18pt ⁴		Ratio: 5.94 AA ¹ AAA 18pt ⁴
Hex(121212)	Ratio: 1.05 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 5.94 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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