

Converting Colors - WCAG Matrix

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

Hex(191211) Hex(211E1E) Hex(191118) Hex(121010) Hex(919191) Hex(121212)

	Hex(191211)	Hex(211E1E)	Hex(191118)	Hex(121010)	Hex(919191)	Hex(121212)
Hex(191211)		Ratio: 1.12 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 5.87 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(211E1E)	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(191118)	Ratio: 1.00 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 5.87 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(121010)	Ratio: 1.03 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 6.02 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(919191)	Ratio: 5.87 AA ¹ AAA 18pt ⁴	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 5.87 AA ¹ AAA 18pt ⁴	Ratio: 6.02 AA ¹ AAA 18pt ⁴		Ratio: 5.94 AA ¹ AAA 18pt ⁴
Hex(121212)	Ratio: 1.01 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.01 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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