

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(081910) Hex(1B211E) Hex(111908) Hex(0E1210) Hex(919191) Hex(121212)

	Hex(081910)	Hex(1B211E)	Hex(111908)	Hex(0E1210)	Hex(919191)	Hex(121212)
Hex(081910)		Ratio: 1.11 Failed⁵	Ratio: 1.01 Failed⁵	Ratio: 1.04 Failed⁵	Ratio: 5.76 AA¹ AAA 18pt⁴	Ratio: 1.03 Failed⁵
Hex(1B211E)	Ratio: 1.11 Failed⁵		Ratio: 1.10 Failed⁵	Ratio: 1.15 Failed⁵	Ratio: 5.19 AA¹ AAA 18pt⁴	Ratio: 1.14 Failed⁵
Hex(111908)	Ratio: 1.01 Failed⁵	Ratio: 1.10 Failed⁵		Ratio: 1.05 Failed⁵	Ratio: 5.71 AA¹ AAA 18pt⁴	Ratio: 1.04 Failed⁵
Hex(0E1210)	Ratio: 1.04 Failed⁵	Ratio: 1.15 Failed⁵	Ratio: 1.05 Failed⁵		Ratio: 5.99 AA¹ AAA 18pt⁴	Ratio: 1.01 Failed⁵
Hex(919191)	Ratio: 5.76 AA¹ AAA 18pt⁴	Ratio: 5.19 AA¹ AAA 18pt⁴	Ratio: 5.71 AA¹ AAA 18pt⁴	Ratio: 5.99 AA¹ AAA 18pt⁴		Ratio: 5.94 AA¹ AAA 18pt⁴
Hex(121212)	Ratio: 1.03 Failed⁵	Ratio: 1.14 Failed⁵	Ratio: 1.04 Failed⁵	Ratio: 1.01 Failed⁵	Ratio: 5.94 AA¹ AAA 18pt⁴	

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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