

Converting Colors - WCAG Matrix

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

Hex(0D121A) Hex(1C1F21) Hex(0D1A14) Hex(0F0F12) Hex(919191) Hex(121212)

	Hex(0D121A)	Hex(1C1F21)	Hex(0D1A14)	Hex(0F0F12)	Hex(919191)	Hex(121212)
Hex(0D121A)		Ratio: 1.13 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(1C1F21)	Ratio: 1.13 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 5.26 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(0D1A14)	Ratio: 1.05 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(0F0F12)	Ratio: 1.02 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(919191)	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 5.26 AA ¹ AAA 18pt ⁴	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 6.07 AA ¹ AAA 18pt ⁴		Ratio: 5.94 AA ¹ AAA 18pt ⁴
Hex(121212)	Ratio: 1.00 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.02 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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