

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(101B12) Hex(1F2420) Hex(191B10) Hex(0F1210) Hex(919191) Hex(121212)

	Hex(101B12)	Hex(1F2420)	Hex(191B10)	Hex(0F1210)	Hex(919191)	Hex(121212)
Hex(101B12)		Ratio: 1.12 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(1F2420)	Ratio: 1.12 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(191B10)	Ratio: 1.02 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(0F1210)	Ratio: 1.07 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(919191)	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 5.98 AA ¹ AAA 18pt ⁴		Ratio: 5.94 AA ¹ AAA 18pt ⁴
Hex(121212)	Ratio: 1.06 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.08 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.