

Converting Colors - WCAG Matrix

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

Hex(1F191C) Hex(292124) Hex(1F1A19) Hex(0F0E0E) Hex(4F0021) Hex(CF0055)

	Hex(1F191C)	Hex(292124)	Hex(1F1A19)	Hex(0F0E0E)	Hex(4F0021)	Hex(CF0055)
Hex(1F191C)		Ratio: 1.10 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(292124)	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(1F1A19)	Ratio: 1.00 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(0F0E0E)	Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(4F0021)	Ratio: 1.12 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(CF0055)	Ratio: 3.12 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 3.47 AA 18pt ²	Ratio: 2.79 Failed ⁵	

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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