

Converting Colors - WCAG Matrix

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

Hex(21181D) Hex(2B1D25) Hex(211819) Hex(0F0E0F) Hex(4F002C) Hex(CF0073)

	Hex(21181D)	Hex(2B1D25)	Hex(211819)	Hex(0F0E0F)	Hex(4F002C)	Hex(CF0073)
Hex(21181D)		Ratio: 1.08 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(2B1D25)	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(211819)	Ratio: 1.00 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(0F0E0F)	Ratio: 1.11 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.58 AA 18pt ²
Hex(4F002C)	Ratio: 1.13 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.85 Failed ⁵
Hex(CF0073)	Ratio: 3.22 AA 18pt ²	Ratio: 2.99 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 3.58 AA 18pt ²	Ratio: 2.85 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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