

Converting Colors - WCAG Matrix

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

Hex(1E0F21) Hex(270F2B) Hex(210F1B) Hex(0F0E0F) Hex(42004F) Hex(AC00CF)

	Hex(1E0F21)	Hex(270F2B)	Hex(210F1B)	Hex(0F0E0F)	Hex(42004F)	Hex(AC00CF)
Hex(1E0F21)		Ratio: 1.04 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(270F2B)	Ratio: 1.04 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(210F1B)	Ratio: 1.00 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(0F0E0F)	Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(42004F)	Ratio: 1.17 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.72 Failed ⁵
Hex(AC00CF)	Ratio: 3.19 AA 18pt ²	Ratio: 3.07 AA 18pt ²	Ratio: 3.18 AA 18pt ²	Ratio: 3.35 AA 18pt ²	Ratio: 2.72 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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