

Converting Colors - WCAG Matrix

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

Hex(1E001C) Hex(260024) Hex(1E000D) Hex(0F0E0F) Hex(4F0049) Hex(CF00C0)

	Hex(1E001C)	Hex(260024)	Hex(1E000D)	Hex(0F0E0F)	Hex(4F0049)	Hex(CF00C0)
Hex(1E001C)		Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 4.12 AA 18pt ²
Hex(260024)	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 3.98 AA 18pt ²
Hex(1E000D)	Ratio: 1.01 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 4.16 AA 18pt ²
Hex(0F0E0F)	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 4.05 AA 18pt ²
Hex(4F0049)	Ratio: 1.33 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 3.09 AA 18pt ²
Hex(CF00C0)	Ratio: 4.12 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 4.16 AA 18pt ²	Ratio: 4.05 AA 18pt ²	Ratio: 3.09 AA 18pt ²	

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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