

Converting Colors - WCAG Matrix

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

Hex(210005) Hex(2B0007) Hex(162100) Hex(0F0E0E) Hex(4F000C) Hex(CF001F)

	Hex(210005)	Hex(2B0007)	Hex(162100)	Hex(0F0E0E)	Hex(4F000C)	Hex(CF001F)
Hex(210005)		Ratio: 1.04 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 3.44 AA 18pt ²
Hex(2B0007)	Ratio: 1.04 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(162100)	Ratio: 1.17 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(0F0E0E)	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(4F000C)	Ratio: 1.25 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.75 Failed ⁵
Hex(CF001F)	Ratio: 3.44 AA 18pt ²	Ratio: 3.32 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 2.75 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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