

Converting Colors - WCAG Matrix

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

Hex(13201A) Hex(152920) Hex(132020) Hex(0E0F0F) Hex(004F2B) Hex(00CF6F)

	Hex(13201A)	Hex(152920)	Hex(132020)	Hex(0E0F0F)	Hex(004F2B)	Hex(00CF6F)
Hex(13201A)		Ratio: 1.10 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 8.13 Passed ⁶
Hex(152920)	Ratio: 1.10 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 7.41 Passed ⁶
Hex(132020)	Ratio: 1.00 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 8.09 Passed ⁶
Hex(0E0F0F)	Ratio: 1.14 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 9.28 Passed ⁶
Hex(004F2B)	Ratio: 1.72 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 4.72 AA ¹ AAA 18pt ⁴
Hex(00CF6F)	Ratio: 8.13 Passed ⁶	Ratio: 7.41 Passed ⁶	Ratio: 8.09 Passed ⁶	Ratio: 9.28 Passed ⁶	Ratio: 4.72 AA ¹ AAA 18pt ⁴	

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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