

Converting Colors - WCAG Matrix

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

Hex(21141A) Hex(2B1620) Hex(211414) Hex(0F0E0E) Hex(4F0025) Hex(CF0062)

	Hex(21141A)	Hex(2B1620)	Hex(211414)	Hex(0F0E0E)	Hex(4F0025)	Hex(CF0062)
Hex(21141A)		Ratio: 1.05 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(2B1620)	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(211414)	Ratio: 1.00 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(0F0E0E)	Ratio: 1.08 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.52 AA 18pt ²
Hex(4F0025)	Ratio: 1.15 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.82 Failed ⁵
Hex(CF0062)	Ratio: 3.25 AA 18pt ²	Ratio: 3.09 AA 18pt ²	Ratio: 3.26 AA 18pt ²	Ratio: 3.52 AA 18pt ²	Ratio: 2.82 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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