

Converting Colors - WCAG Matrix

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

Hex(131720) Hex(151B29) Hex(151320) Hex(0E0E0F) Hex(00184F) Hex(0040CF)

	Hex(131720)	Hex(151B29)	Hex(151320)	Hex(0E0E0F)	Hex(00184F)	Hex(0040CF)
Hex(131720)		Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(151B29)	Ratio: 1.04 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(151320)	Ratio: 1.02 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(0E0E0F)	Ratio: 1.08 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(00184F)	Ratio: 1.06 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.12 Failed ⁵
Hex(0040CF)	Ratio: 2.25 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.12 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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