

Converting Colors - WCAG Matrix

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

Hex(0C31E8) Hex(002BFF) Hex(510CE8) Hex(6A6C75) Hex(001EB5) Hex(000936)

	Hex(0C31E8)	Hex(002BFF)	Hex(510CE8)	Hex(6A6C75)	Hex(001EB5)	Hex(000936)
Hex(0C31E8)		Ratio: 1.06 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(002BFF)	Ratio: 1.06 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(510CE8)	Ratio: 1.02 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(6A6C75)	Ratio: 1.53 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 3.68 AA 18pt ²
Hex(001EB5)	Ratio: 1.41 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 1.70 Failed ⁵
Hex(000936)	Ratio: 2.40 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 1.70 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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