

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(218AF8) Hex(007DFF) Hex(2121F8) Hex(70777D) Hex(005CBD) Hex(001E3D)

	Hex(218AF8)	Hex(007DFF)	Hex(2121F8)	Hex(70777D)	Hex(005CBD)	Hex(001E3D)
Hex(218AF8)		Ratio: 1.13 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(007DFF)	Ratio: 1.13 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 4.29 AA 18pt ²
Hex(2121F8)	Ratio: 2.30 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(70777D)	Ratio: 1.31 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 3.69 AA 18pt ²
Hex(005CBD)	Ratio: 1.85 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 2.61 Failed ⁵
Hex(001E3D)	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 4.29 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 2.61 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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