

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(007BFA) Hex(007DFF) Hex(0000FA) Hex(70777D) Hex(005DBD) Hex(001E3D)

	Hex(007BFA)	Hex(007DFF)	Hex(0000FA)	Hex(70777D)	Hex(005DBD)	Hex(001E3D)
Hex(007BFA)		Ratio: 1.03 <u>Failed</u> ⁵	Ratio: 2.19 <u>Failed</u> ⁵	Ratio: 1.13 <u>Failed</u> ⁵	Ratio: 1.58 <u>Failed</u> ⁵	Ratio: 4.16 <u>AA 18pt</u> ²
Hex(007DFF)	Ratio: 1.03 <u>Failed</u> ⁵		Ratio: 2.26 <u>Failed</u> ⁵	Ratio: 1.16 <u>Failed</u> ⁵	Ratio: 1.63 <u>Failed</u> ⁵	Ratio: 4.29 <u>AA 18pt</u> ²
Hex(0000FA)	Ratio: 2.19 <u>Failed</u> ⁵	Ratio: 2.26 <u>Failed</u> ⁵		Ratio: 1.94 <u>Failed</u> ⁵	Ratio: 1.39 <u>Failed</u> ⁵	Ratio: 1.90 <u>Failed</u> ⁵
Hex(70777D)	Ratio: 1.13 <u>Failed</u> ⁵	Ratio: 1.16 <u>Failed</u> ⁵	Ratio: 1.94 <u>Failed</u> ⁵		Ratio: 1.40 <u>Failed</u> ⁵	Ratio: 3.69 <u>AA 18pt</u> ²
Hex(005DBD)	Ratio: 1.58 <u>Failed</u> ⁵	Ratio: 1.63 <u>Failed</u> ⁵	Ratio: 1.39 <u>Failed</u> ⁵	Ratio: 1.40 <u>Failed</u> ⁵		Ratio: 2.63 <u>Failed</u> ⁵
Hex(001E3D)	Ratio: 4.16 <u>AA 18pt</u> ²	Ratio: 4.29 <u>AA 18pt</u> ²	Ratio: 1.90 <u>Failed</u> ⁵	Ratio: 3.69 <u>AA 18pt</u> ²	Ratio: 2.63 <u>Failed</u> 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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