

Converting Colors - WCAG Matrix

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

Hex(9EA9FB) Hex(8F9CFF) Hex(C09EFB) Hex(70727D) Hex(0016BD) Hex(00073D)

	Hex(9EA9FB)	Hex(8F9CFF)	Hex(C09EFB)	Hex(70727D)	Hex(0016BD)	Hex(00073D)
Hex(9EA9FB)		Ratio: 1.14 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 8.67 Passed ⁶
Hex(8F9CFF)	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 7.62 Passed ⁶
Hex(C09EFB)	Ratio: 1.00 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 8.68 Passed ⁶
Hex(70727D)	Ratio: 2.17 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 2.37 Failed ⁵	Ratio: 4.00 AA 18pt ²
Hex(0016BD)	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 2.37 Failed ⁵		Ratio: 1.68 Failed ⁵
Hex(00073D)	Ratio: 8.67 Passed ⁶	Ratio: 7.62 Passed ⁶	Ratio: 8.68 Passed ⁶	Ratio: 4.00 AA 18pt ²	Ratio: 1.68 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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