

Converting Colors - WCAG Matrix

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

Hex(8E93F5) Hex(8086FF) Hex(BC8EF5) Hex(6E6F7A) Hex(0009BA) Hex(00033B)

	Hex(8E93F5)	Hex(8086FF)	Hex(BC8EF5)	Hex(6E6F7A)	Hex(0009BA)	Hex(00033B)
Hex(8E93F5)		Ratio: 1.13 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 4.37 AA 18pt ²	Ratio: 7.10 Passed ⁶
Hex(8086FF)	Ratio: 1.13 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 6.29 AA ¹ AAA 18pt ⁴
Hex(BC8EF5)	Ratio: 1.09 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 7.74 Passed ⁶
Hex(6E6F7A)	Ratio: 1.81 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 2.41 Failed ⁵	Ratio: 3.92 AA 18pt ²
Hex(0009BA)	Ratio: 4.37 AA 18pt ²	Ratio: 3.87 AA 18pt ²	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 2.41 Failed ⁵		Ratio: 1.62 Failed ⁵
Hex(00033B)	Ratio: 7.10 Passed ⁶	Ratio: 6.29 AA ¹ AAA 18pt ⁴	Ratio: 7.74 Passed ⁶	Ratio: 3.92 AA 18pt ²	Ratio: 1.62 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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