

Converting Colors - WCAG Matrix

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

Hex(8094C9) Hex(8FAEFF) Hex(9080C9) Hex(5A5C63) Hex(002DA3) Hex(000A24)

	Hex(8094C9)	Hex(8FAEFF)	Hex(9080C9)	Hex(5A5C63)	Hex(002DA3)	Hex(000A24)
Hex(8094C9)		Ratio: 1.38 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 6.55 AA ¹ AAA 18pt ⁴
Hex(8FAEFF)	Ratio: 1.38 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 9.04 Passed ⁶
Hex(9080C9)	Ratio: 1.14 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 5.72 AA ¹ AAA 18pt ⁴
Hex(5A5C63)	Ratio: 2.22 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.94 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(002DA3)	Ratio: 3.67 AA 18pt ²	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 3.21 AA 18pt ²	Ratio: 1.65 Failed ⁵		Ratio: 1.78 Failed ⁵
Hex(000A24)	Ratio: 6.55 AA ¹ AAA 18pt ⁴	Ratio: 9.04 Passed ⁶	Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 2.94 Failed ⁵	Ratio: 1.78 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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