

Converting Colors - WCAG Matrix

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

Hex(8DABD3) Hex(99C5FF) Hex(928DD3) Hex(5E6369) Hex(0049A8) Hex(001229)

Hex(8DABD3)		Ratio: 1.32 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 7.95 Passed ⁶
Hex(99C5FF)	Ratio: 1.32 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 10.54 Passed ⁶
Hex(928DD3)	Ratio: 1.28 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 6.23 AA ¹ AAA 18pt ⁴
Hex(5E6369)	Ratio: 2.57 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 2.01 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(0049A8)	Ratio: 3.53 AA 18pt ²	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 2.77 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 2.25 Failed ⁵
Hex(001229)	Ratio: 7.95 Passed ⁶	Ratio: 10.54 Passed ⁶	Ratio: 6.23 AA ¹ AAA 18pt ⁴	Ratio: 3.10 AA 18pt ²	Ratio: 2.25 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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