

Converting Colors - WCAG Matrix

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

Hex(8A93D1) Hex(96A4FF) Hex(A48AD1) Hex(5E5F69) Hex(0015A8) Hex(000529)

	Hex(8A93D1)	Hex(96A4FF)	Hex(A48AD1)	Hex(5E5F69)	Hex(0015A8)	Hex(000529)
Hex(8A93D1)		Ratio: 1.26 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 4.29 AA 18pt ²	Ratio: 6.81 AA ¹ AAA 18pt ⁴
Hex(96A4FF)	Ratio: 1.26 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 8.59 Passed ⁶
Hex(A48AD1)	Ratio: 1.01 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 4.27 AA 18pt ²	Ratio: 6.77 AA ¹ AAA 18pt ⁴
Hex(5E5F69)	Ratio: 2.16 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(0015A8)	Ratio: 4.29 AA 18pt ²	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 4.27 AA 18pt ²	Ratio: 1.98 Failed ⁵		Ratio: 1.59 Failed ⁵
Hex(000529)	Ratio: 6.81 AA ¹ AAA 18pt ⁴	Ratio: 8.59 Passed ⁶	Ratio: 6.77 AA ¹ AAA 18pt ⁴	Ratio: 3.15 AA 18pt ²	Ratio: 1.59 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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