

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(8A94C8) Hex(A1B0FF) Hex(9F8AC8) Hex(5A5B63) Hex(001AA3) Hex(000624)

Hex(8A94C8)		Ratio: 1.42 Failed⁵	Ratio: 1.03 Failed⁵	Ratio: 2.30 Failed⁵	Ratio: 4.26 AA 18pt²	Ratio: 6.80 AA¹ AAA 18pt⁴
Hex(A1B0FF)	Ratio: 1.42 Failed⁵		Ratio: 1.46 Failed⁵	Ratio: 3.27 AA 18pt²	Ratio: 6.07 AA¹ AAA 18pt⁴	Ratio: 9.67 Passed⁶
Hex(9F8AC8)	Ratio: 1.03 Failed⁵	Ratio: 1.46 Failed⁵		Ratio: 2.23 Failed⁵	Ratio: 4.14 AA 18pt²	Ratio: 6.60 AA¹ AAA 18pt⁴
Hex(5A5B63)	Ratio: 2.30 Failed⁵	Ratio: 3.27 AA 18pt²	Ratio: 2.23 Failed⁵		Ratio: 1.86 Failed⁵	Ratio: 2.96 Failed⁵
Hex(001AA3)	Ratio: 4.26 AA 18pt²	Ratio: 6.07 AA¹ AAA 18pt⁴	Ratio: 4.14 AA 18pt²	Ratio: 1.86 Failed⁵		Ratio: 1.59 Failed⁵
Hex(000624)	Ratio: 6.80 AA¹ AAA 18pt⁴	Ratio: 9.67 Passed⁶	Ratio: 6.60 AA¹ AAA 18pt⁴	Ratio: 2.96 Failed⁵	Ratio: 1.59 Failed⁵	

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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