

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(7A82CB) Hex(8591FF) Hex(9A7ACB) Hex(5C5D66) Hex(0011A6) Hex(000426)

Hex(7A82CB)		Ratio: 1.27 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.83 Failed⁵	Ratio: 3.61 AA 18pt²	Ratio: 5.63 AA¹ AAA 18pt⁴
Hex(8591FF)	Ratio: 1.27 Failed⁵		Ratio: 1.24 Failed⁵	Ratio: 2.33 Failed⁵	Ratio: 4.59 AA¹ AAA 18pt⁴	Ratio: 7.17 Passed⁶
Hex(9A7ACB)	Ratio: 1.02 Failed⁵	Ratio: 1.24 Failed⁵		Ratio: 1.87 Failed⁵	Ratio: 3.69 AA 18pt²	Ratio: 5.76 AA¹ AAA 18pt⁴
Hex(5C5D66)	Ratio: 1.83 Failed⁵	Ratio: 2.33 Failed⁵	Ratio: 1.87 Failed⁵		Ratio: 1.97 Failed⁵	Ratio: 3.07 AA 18pt²
Hex(0011A6)	Ratio: 3.61 AA 18pt²	Ratio: 4.59 AA¹ AAA 18pt⁴	Ratio: 3.69 AA 18pt²	Ratio: 1.97 Failed⁵		Ratio: 1.56 Failed⁵
Hex(000426)	Ratio: 5.63 AA¹ AAA 18pt⁴	Ratio: 7.17 Passed⁶	Ratio: 5.76 AA¹ AAA 18pt⁴	Ratio: 3.07 AA 18pt²	Ratio: 1.56 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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