

Converting Colors - WCAG Matrix

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

Hex(989FCD) Hex(B0BAFF) Hex(AC98CD) Hex(5C5D66) Hex(0016A6) Hex(000526)

	Hex(989FCD)	Hex(B0BAFF)	Hex(AC98CD)	Hex(5C5D66)	Hex(0016A6)	Hex(000526)
Hex(989FCD)		Ratio: 1.38 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 7.79 Passed ⁶
Hex(B0BAFF)	Ratio: 1.38 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 10.78 Passed ⁶
Hex(AC98CD)	Ratio: 1.01 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 2.53 Failed ⁵	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 7.74 Passed ⁶
Hex(5C5D66)	Ratio: 2.54 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 2.53 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(0016A6)	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 1.93 Failed ⁵		Ratio: 1.59 Failed ⁵
Hex(000526)	Ratio: 7.79 Passed ⁶	Ratio: 10.78 Passed ⁶	Ratio: 7.74 Passed ⁶	Ratio: 3.06 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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