

Converting Colors - WCAG Matrix

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

Hex(A1A7CC) Hex(BFC8FF) Hex(B0A1CC) Hex(5C5D66) Hex(0017A6) Hex(000526)

	Hex(A1A7CC)	Hex(BFC8FF)	Hex(B0A1CC)	Hex(5C5D66)	Hex(0017A6)	Hex(000526)
Hex(A1A7CC)		Ratio: 1.45 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 8.49 Passed ⁶
Hex(BFC8FF)	Ratio: 1.45 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 7.72 Passed ⁶	Ratio: 12.31 Passed ⁶
Hex(B0A1CC)	Ratio: 1.01 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 2.74 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 8.40 Passed ⁶
Hex(5C5D66)	Ratio: 2.77 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 2.74 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(0017A6)	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 7.72 Passed ⁶	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 1.92 Failed ⁵		Ratio: 1.59 Failed ⁵
Hex(000526)	Ratio: 8.49 Passed ⁶	Ratio: 12.31 Passed ⁶	Ratio: 8.40 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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