

Converting Colors - WCAG Matrix

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

Hex(A8B5C9) Hex(CCE0FF) Hex(ABA8C9) Hex(5C6166) Hex(0040A6) Hex(000F26)

	Hex(A8B5C9)	Hex(CCE0FF)	Hex(ABA8C9)	Hex(5C6166)	Hex(0040A6)	Hex(000F26)
Hex(A8B5C9)		Ratio: 1.55 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 4.43 AA 18pt ²	Ratio: 9.23 Passed ⁶
Hex(CCE0FF)	Ratio: 1.55 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 6.86 AA ¹ AAA 18pt ⁴	Ratio: 14.30 Passed ⁶
Hex(ABA8C9)	Ratio: 1.10 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 2.73 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 8.37 Passed ⁶
Hex(5C6166)	Ratio: 3.01 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 2.73 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(0040A6)	Ratio: 4.43 AA 18pt ²	Ratio: 6.86 AA ¹ AAA 18pt ⁴	Ratio: 4.02 AA 18pt ²	Ratio: 1.47 Failed ⁵		Ratio: 2.08 Failed ⁵
Hex(000F26)	Ratio: 9.23 Passed ⁶	Ratio: 14.30 Passed ⁶	Ratio: 8.37 Passed ⁶	Ratio: 3.06 AA 18pt ²	Ratio: 2.08 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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