

Converting Colors - WCAG Matrix

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

Hex(A7B4BA) Hex(D5E9F2) Hex(A7ABBA) Hex(53595C) Hex(006C9C) Hex(00131C)

	Hex(A7B4BA)	Hex(D5E9F2)	Hex(A7ABBA)	Hex(53595C)	Hex(006C9C)	Hex(00131C)
Hex(A7B4BA)		Ratio: 1.70 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 8.90 Passed ⁶
Hex(D5E9F2)	Ratio: 1.70 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 15.11 Passed ⁶
Hex(A7ABBA)	Ratio: 1.08 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 3.11 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 8.27 Passed ⁶
Hex(53595C)	Ratio: 3.35 AA 18pt ²	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 3.11 AA 18pt ²		Ratio: 1.23 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(006C9C)	Ratio: 2.73 Failed ⁵	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 2.53 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 3.27 AA 18pt ²
Hex(00131C)	Ratio: 8.90 Passed ⁶	Ratio: 15.11 Passed ⁶	Ratio: 8.27 Passed ⁶	Ratio: 2.66 Failed ⁵	Ratio: 3.27 AA 18pt ²	

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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