

Converting Colors - WCAG Matrix

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

Hex(7F99C7) Hex(91B9FF) Hex(897FC7) Hex(5A5D63) Hex(003BA3) Hex(000D24)

	Hex(7F99C7)	Hex(91B9FF)	Hex(897FC7)	Hex(5A5D63)	Hex(003BA3)	Hex(000D24)
Hex(7F99C7)		Ratio: 1.45 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 6.73 AA ¹ AAA 18pt ⁴
Hex(91B9FF)	Ratio: 1.45 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 9.78 Passed ⁶
Hex(897FC7)	Ratio: 1.23 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 5.47 AA ¹ AAA 18pt ⁴
Hex(5A5D63)	Ratio: 2.29 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 1.86 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(003BA3)	Ratio: 3.38 AA 18pt ²	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 2.75 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 1.99 Failed ⁵
Hex(000D24)	Ratio: 6.73 AA ¹ AAA 18pt ⁴	Ratio: 9.78 Passed ⁶	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 2.94 Failed ⁵	Ratio: 1.99 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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