

Converting Colors - WCAG Matrix

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

Hex(919DA1) Hex(B8CBD1) Hex(9195A1) Hex(495052) Hex(006D91) Hex(000D12)

Hex(919DA1)		Ratio: 1.66 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 7.07 Passed ⁶
Hex(B8CBD1)	Ratio: 1.66 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 3.48 AA 18pt ²	Ratio: 11.72 Passed ⁶
Hex(9195A1)	Ratio: 1.07 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 2.75 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 6.58 AA ¹ AAA 18pt ⁴
Hex(495052)	Ratio: 2.95 Failed ⁵	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 2.75 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(006D91)	Ratio: 2.10 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 3.37 AA 18pt ²
Hex(000D12)	Ratio: 7.07 Passed ⁶	Ratio: 11.72 Passed ⁶	Ratio: 6.58 AA ¹ AAA 18pt ⁴	Ratio: 2.39 Failed ⁵	Ratio: 3.37 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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