

Converting Colors - WCAG Matrix

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

Hex(8991A6) Hex(ABB8D9) Hex(8F89A6) Hex(4C4E54) Hex(002994) Hex(000614)

	Hex(8991A6)	Hex(ABB8D9)	Hex(8F89A6)	Hex(4C4E54)	Hex(002994)	Hex(000614)
Hex(8991A6)		Ratio: 1.59 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 6.43 AA ¹ AAA 18pt ⁴
Hex(ABB8D9)	Ratio: 1.59 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 4.19 AA 18pt ²	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 10.22 Passed ⁶
Hex(8F89A6)	Ratio: 1.06 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 2.49 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 6.08 AA ¹ AAA 18pt ⁴
Hex(4C4E54)	Ratio: 2.64 Failed ⁵	Ratio: 4.19 AA 18pt ²	Ratio: 2.49 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(002994)	Ratio: 3.82 AA 18pt ²	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 3.61 AA 18pt ²	Ratio: 1.45 Failed ⁵		Ratio: 1.68 Failed ⁵
Hex(000614)	Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 10.22 Passed ⁶	Ratio: 6.08 AA ¹ AAA 18pt ⁴	Ratio: 2.44 Failed ⁵	Ratio: 1.68 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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