

Converting Colors - WCAG Matrix

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

Hex(9B9EAB) Hex(C5CADE) Hex(A09BAB) Hex(4E5057) Hex(001C96) Hex(000417)

	Hex(9B9EAB)	Hex(C5CADE)	Hex(A09BAB)	Hex(4E5057)	Hex(001C96)	Hex(000417)
Hex(9B9EAB)		Ratio: 1.64 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 7.64 Passed ⁶
Hex(C5CADE)	Ratio: 1.64 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 8.02 Passed ⁶	Ratio: 12.50 Passed ⁶
Hex(A09BAB)	Ratio: 1.01 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 2.98 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 7.55 Passed ⁶
Hex(4E5057)	Ratio: 3.02 AA 18pt ²	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 2.98 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(001C96)	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 8.02 Passed ⁶	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 1.62 Failed ⁵		Ratio: 1.56 Failed ⁵
Hex(000417)	Ratio: 7.64 Passed ⁶	Ratio: 12.50 Passed ⁶	Ratio: 7.55 Passed ⁶	Ratio: 2.53 Failed ⁵	Ratio: 1.56 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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