

Converting Colors - WCAG Matrix

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

Hex(969398) Hex(C1BCC4) Hex(989398) Hex(4B494D) Hex(54008C) Hex(08000D)

Hex(969398)		Ratio: 1.63 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.94 AA 18pt ² Ratio: 6.81 AA ¹ AAA 18pt ⁴
Hex(C1BCC4)	Ratio: 1.63 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 6.41 AA ¹ AAA 18pt ⁴ Ratio: 11.08 Passed ⁶
Hex(989398)	Ratio: 1.01 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 2.95 Failed ⁵	Ratio: 3.97 AA 18pt ² Ratio: 6.85 AA ¹ AAA 18pt ⁴
Hex(4B494D)	Ratio: 2.93 Failed ⁵	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 2.95 Failed ⁵		Ratio: 1.34 Failed ⁵ Ratio: 2.32 Failed ⁵
Hex(54008C)	Ratio: 3.94 AA 18pt ²	Ratio: 6.41 AA ¹ AAA 18pt ⁴	Ratio: 3.97 AA 18pt ²	Ratio: 1.34 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(08000D)	Ratio: 6.81 AA ¹ AAA 18pt ⁴	Ratio: 11.08 Passed ⁶	Ratio: 6.85 AA ¹ AAA 18pt ⁴	Ratio: 2.32 Failed ⁵	Ratio: 1.73 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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