

Converting Colors - WCAG Matrix

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

Hex(99A1A9) Hex(C3CFDB) Hex(9999A9) Hex(4C5054) Hex(004A94) Hex(000A14)

Hex(99A1A9)		Ratio: 1.65 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 3.33 AA 18pt ²	Ratio: 7.62 Passed ⁶
Hex(C3CFDB)	Ratio: 1.65 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 12.59 Passed ⁶
Hex(9999A9)	Ratio: 1.07 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 2.90 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 7.10 Passed ⁶
Hex(4C5054)	Ratio: 3.11 AA 18pt ²	Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 2.90 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(004A94)	Ratio: 3.33 AA 18pt ²	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 3.11 AA 18pt ²	Ratio: 1.07 Failed ⁵		Ratio: 2.28 Failed ⁵
Hex(000A14)	Ratio: 7.62 Passed ⁶	Ratio: 12.59 Passed ⁶	Ratio: 7.10 Passed ⁶	Ratio: 2.45 Failed ⁵	Ratio: 2.28 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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