

Converting Colors - WCAG Matrix

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

Hex(858791) Hex(AAADBDB) Hex(898591) Hex(404247) Hex(001A87) Hex(000108)

	Hex(858791)	Hex(AAADBDB)	Hex(898591)	Hex(404247)	Hex(001A87)	Hex(000108)
Hex(858791)		Ratio: 1.60 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 5.83 AA ¹ AAA 18pt ⁴
Hex(AAADBDB)	Ratio: 1.60 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 6.29 AA ¹ AAA 18pt ⁴	Ratio: 9.35 Passed ⁶
Hex(898591)	Ratio: 1.01 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 2.79 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(404247)	Ratio: 2.81 Failed ⁵	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 2.79 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(001A87)	Ratio: 3.92 AA 18pt ²	Ratio: 6.29 AA ¹ AAA 18pt ⁴	Ratio: 3.89 AA 18pt ²	Ratio: 1.39 Failed ⁵		Ratio: 1.49 Failed ⁵
Hex(000108)	Ratio: 5.83 AA ¹ AAA 18pt ⁴	Ratio: 9.35 Passed ⁶	Ratio: 5.78 AA ¹ AAA 18pt ⁴	Ratio: 2.07 Failed ⁵	Ratio: 1.49 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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