

Converting Colors - WCAG Matrix

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

Hex(938F96) Hex(BDB6C2) Hex(968F96) Hex(48454A) Hex(4F008A) Hex(06000A)

	Hex(938F96)	Hex(BDB6C2)	Hex(968F96)	Hex(48454A)	Hex(4F008A)	Hex(06000A)
Hex(938F96)		Ratio: 1.61 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 6.53 AA ¹ AAA 18pt ⁴
Hex(BDB6C2)	Ratio: 1.61 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 6.26 AA ¹ AAA 18pt ⁴	Ratio: 10.51 Passed ⁶
Hex(968F96)	Ratio: 1.01 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 3.00 AA 18pt ²	Ratio: 3.92 AA 18pt ²	Ratio: 6.59 AA ¹ AAA 18pt ⁴
Hex(48454A)	Ratio: 2.97 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 3.00 AA 18pt ²		Ratio: 1.31 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(4F008A)	Ratio: 3.89 AA 18pt ²	Ratio: 6.26 AA ¹ AAA 18pt ⁴	Ratio: 3.92 AA 18pt ²	Ratio: 1.31 Failed ⁵		Ratio: 1.68 Failed ⁵
Hex(06000A)	Ratio: 6.53 AA ¹ AAA 18pt ⁴	Ratio: 10.51 Passed ⁶	Ratio: 6.59 AA ¹ AAA 18pt ⁴	Ratio: 2.20 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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