

Converting Colors - WCAG Matrix

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

Hex(92948F) Hex(BDBFB8) Hex(90948F) Hex(494A46) Hex(5C8A00) Hex(070A00)

	Hex(92948F)	Hex(BDBFB8)	Hex(90948F)	Hex(494A46)	Hex(5C8A00)	Hex(070A00)
Hex(92948F)		Ratio: 1.65 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 6.51 AA ¹ AAA 18pt ⁴
Hex(BDBFB8)	Ratio: 1.65 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 2.22 Failed ⁵	Ratio: 10.75 Passed ⁶
Hex(90948F)	Ratio: 1.01 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 2.90 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 6.48 AA ¹ AAA 18pt ⁴
Hex(494A46)	Ratio: 2.92 Failed ⁵	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 2.90 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(5C8A00)	Ratio: 1.35 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 4.84 AA ¹ AAA 18pt ⁴
Hex(070A00)	Ratio: 6.51 AA ¹ AAA 18pt ⁴	Ratio: 10.75 Passed ⁶	Ratio: 6.48 AA ¹ AAA 18pt ⁴	Ratio: 2.23 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴	

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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