

Converting Colors - WCAG Matrix

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

Hex(939289) Hex(BFBEB0) Hex(8F9389) Hex(4A4943) Hex(8A7C00) Hex(0A0900)

	Hex(939289)	Hex(BFBEB0)	Hex(8F9389)	Hex(4A4943)	Hex(8A7C00)	Hex(0A0900)
Hex(939289)		Ratio: 1.67 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 6.38 AA ¹ AAA 18pt ⁴
Hex(BFBEB0)	Ratio: 1.67 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 2.26 Failed ⁵	Ratio: 10.65 Passed ⁶
Hex(8F9389)	Ratio: 1.00 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 2.88 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 6.37 AA ¹ AAA 18pt ⁴
Hex(4A4943)	Ratio: 2.89 Failed ⁵	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 2.88 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(8A7C00)	Ratio: 1.35 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 4.72 AA ¹ AAA 18pt ⁴
Hex(0A0900)	Ratio: 6.38 AA ¹ AAA 18pt ⁴	Ratio: 10.65 Passed ⁶	Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 2.21 Failed ⁵	Ratio: 4.72 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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