

Converting Colors - WCAG Matrix

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

Hex(968183) Hex(C2A1A4) Hex(8E9681) Hex(4A4343) Hex(8A000D) Hex(0A0001)

	Hex(968183)	Hex(C2A1A4)	Hex(8E9681)	Hex(4A4343)	Hex(8A000D)	Hex(0A0001)
Hex(968183)		Ratio: 1.55 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 5.69 AA ¹ AAA 18pt ⁴
Hex(C2A1A4)	Ratio: 1.55 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 4.28 AA 18pt ²	Ratio: 8.81 Passed ⁶
Hex(8E9681)	Ratio: 1.18 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 3.14 AA 18pt ²	Ratio: 3.27 AA 18pt ²	Ratio: 6.74 AA ¹ AAA 18pt ⁴
Hex(4A4343)	Ratio: 2.65 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 3.14 AA 18pt ²		Ratio: 1.04 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(8A000D)	Ratio: 2.76 Failed ⁵	Ratio: 4.28 AA 18pt ²	Ratio: 3.27 AA 18pt ²	Ratio: 1.04 Failed ⁵		Ratio: 2.06 Failed ⁵
Hex(0A0001)	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 8.81 Passed ⁶	Ratio: 6.74 AA ¹ AAA 18pt ⁴	Ratio: 2.15 Failed ⁵	Ratio: 2.06 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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