

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(9A8690) Hex(C9A9B9) Hex(869A86) Hex(4D4549) Hex(8C0045) Hex(0D0006)

	Hex(9A8690)	Hex(C9A9B9)	Hex(869A86)	Hex(4D4549)	Hex(8C0045)	Hex(0D0006)
Hex(9A8690)		Ratio: 1.59 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 6.07 AA ¹ AAA 18pt ⁴
Hex(C9A9B9)	Ratio: 1.59 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 4.36 AA 18pt ²	Ratio: 4.48 AA 18pt ²	Ratio: 9.67 Passed ⁶
Hex(869A86)	Ratio: 1.13 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 3.08 AA 18pt ²	Ratio: 3.17 AA 18pt ²	Ratio: 6.84 AA ¹ AAA 18pt ⁴
Hex(4D4549)	Ratio: 2.73 Failed ⁵	Ratio: 4.36 AA 18pt ²	Ratio: 3.08 AA 18pt ²		Ratio: 1.03 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(8C0045)	Ratio: 2.81 Failed ⁵	Ratio: 4.48 AA 18pt ²	Ratio: 3.17 AA 18pt ²	Ratio: 1.03 Failed ⁵		Ratio: 2.16 Failed ⁵
Hex(0D0006)	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 9.67 Passed ⁶	Ratio: 6.84 AA ¹ AAA 18pt ⁴	Ratio: 2.22 Failed ⁵	Ratio: 2.16 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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