

Converting Colors - WCAG Matrix

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

Hex(96747C) Hex(C48D9B) Hex(748E96) Hex(4D4547) Hex(8C0023) Hex(0D0003)

	Hex(96747C)	Hex(C48D9B)	Hex(748E96)	Hex(4D4547)	Hex(8C0023)	Hex(0D0003)
Hex(96747C)		Ratio: 1.50 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 4.99 AA ¹ AAA 18pt ⁴
Hex(C48D9B)	Ratio: 1.50 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 3.57 AA 18pt ²	Ratio: 7.49 Passed ⁶
Hex(748E96)	Ratio: 1.19 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.68 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 5.94 AA ¹ AAA 18pt ⁴
Hex(4D4547)	Ratio: 2.25 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 2.68 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(8C0023)	Ratio: 2.38 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.10 Failed ⁵
Hex(0D0003)	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 7.49 Passed ⁶	Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 2.22 Failed ⁵	Ratio: 2.10 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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