

Converting Colors - WCAG Matrix

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

Hex(976C6E) Hex(C48285) Hex(977F6C) Hex(4D4545) Hex(8C0006) Hex(0D0001)

	Hex(976C6E)	Hex(C48285)	Hex(977F6C)	Hex(4D4545)	Hex(8C0006)	Hex(0D0001)
Hex(976C6E)		Ratio: 1.47 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(C48285)	Ratio: 1.47 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 3.25 AA 18pt ²	Ratio: 6.76 AA ¹ AAA 18pt ⁴
Hex(977F6C)	Ratio: 1.19 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.47 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 5.47 AA ¹ AAA 18pt ⁴
Hex(4D4545)	Ratio: 2.08 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 2.47 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(8C0006)	Ratio: 2.21 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.08 Failed ⁵
Hex(0D0001)	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 6.76 AA ¹ AAA 18pt ⁴	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 2.21 Failed ⁵	Ratio: 2.08 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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