

Converting Colors - WCAG Matrix

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

Hex(994653) Hex(C7465A) Hex(996246) Hex(4D4546) Hex(8C0016) Hex(0D0002)

	Hex(994653)	Hex(C7465A)	Hex(996246)	Hex(4D4546)	Hex(8C0016)	Hex(0D0002)
Hex(994653)		Ratio: 1.33 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(C7465A)	Ratio: 1.33 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 4.37 AA 18pt ²
Hex(996246)	Ratio: 1.25 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 4.12 AA 18pt ²
Hex(4D4546)	Ratio: 1.49 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(8C0016)	Ratio: 1.58 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.09 Failed ⁵
Hex(0D0002)	Ratio: 3.30 AA 18pt ²	Ratio: 4.37 AA 18pt ²	Ratio: 4.12 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 2.09 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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