

Converting Colors - WCAG Matrix

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

Hex(796D71) Hex(9E8B91) Hex(77796D) Hex(3D3739) Hex(7D002A) Hex(FC0054)

	Hex(796D71)	Hex(9E8B91)	Hex(77796D)	Hex(3D3739)	Hex(7D002A)	Hex(FC0054)
Hex(796D71)		Ratio: 1.55 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(9E8B91)	Ratio: 1.55 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 3.44 AA 18pt ²	Ratio: 1.24 Failed ⁵
Hex(77796D)	Ratio: 1.12 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 2.63 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(3D3739)	Ratio: 2.35 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 2.63 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(7D002A)	Ratio: 2.22 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(FC0054)	Ratio: 1.24 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 2.76 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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