

Converting Colors - WCAG Matrix

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

Hex(776663) Hex(9C817C) Hex(777063) Hex(3B3635) Hex(7A1200) Hex(FA2500)

	Hex(776663)	Hex(9C817C)	Hex(777063)	Hex(3B3635)	Hex(7A1200)	Hex(FA2500)
Hex(776663)		Ratio: 1.51 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(9C817C)	Ratio: 1.51 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 3.05 AA 18pt ²	Ratio: 1.10 Failed ⁵
Hex(777063)	Ratio: 1.11 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 2.43 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(3B3635)	Ratio: 2.19 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 2.43 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(7A1200)	Ratio: 2.02 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(FA2500)	Ratio: 1.38 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 2.78 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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