

Converting Colors - WCAG Matrix

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

Hex(7C665C) Hex(A17E6F) Hex(7C765C) Hex(3D3937) Hex(7D2700) Hex(FC4F00)

	Hex(7C665C)	Hex(A17E6F)	Hex(7C765C)	Hex(3D3937)	Hex(7D2700)	Hex(FC4F00)
Hex(7C665C)		Ratio: 1.46 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(A17E6F)	Ratio: 1.46 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(7C765C)	Ratio: 1.18 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.50 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(3D3937)	Ratio: 2.13 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 2.50 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.40 AA 18pt ²
Hex(7D2700)	Ratio: 1.81 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.89 Failed ⁵
Hex(FC4F00)	Ratio: 1.60 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 2.89 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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