

Converting Colors - WCAG Matrix

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

Hex(D7816C) Hex(FF8466) Hex(D7B56C) Hex(6B6260) Hex(AB2100) Hex(2B0800)

	Hex(D7816C)	Hex(FF8466)	Hex(D7B56C)	Hex(6B6260)	Hex(AB2100)	Hex(2B0800)
Hex(D7816C)		Ratio: 1.21 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 6.37 AA ¹ AAA 18pt ⁴
Hex(FF8466)	Ratio: 1.21 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 7.69 Passed ⁶
Hex(D7B56C)	Ratio: 1.48 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 3.03 AA 18pt ²	Ratio: 3.63 AA 18pt ²	Ratio: 9.42 Passed ⁶
Hex(6B6260)	Ratio: 2.05 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 3.03 AA 18pt ²		Ratio: 1.20 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(AB2100)	Ratio: 2.46 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 1.20 Failed ⁵		Ratio: 2.59 Failed ⁵
Hex(2B0800)	Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 7.69 Passed ⁶	Ratio: 9.42 Passed ⁶	Ratio: 3.11 AA 18pt ²	Ratio: 2.59 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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