

Converting Colors - WCAG Matrix

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

Hex(DD8752) Hex(FF8940) Hex(DDCA52) Hex(6E6763) Hex(AD4200) Hex(2E1200)

	Hex(DD8752)	Hex(FF8940)	Hex(DDCA52)	Hex(6E6763)	Hex(AD4200)	Hex(2E1200)
Hex(DD8752)		Ratio: 1.16 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 6.37 AA ¹ AAA 18pt ⁴
Hex(FF8940)	Ratio: 1.16 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 7.40 Passed ⁶
Hex(DDCA52)	Ratio: 1.65 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 3.34 AA 18pt ²	Ratio: 3.56 AA 18pt ²	Ratio: 10.51 Passed ⁶
Hex(6E6763)	Ratio: 2.03 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 3.34 AA 18pt ²		Ratio: 1.06 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(AD4200)	Ratio: 2.15 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 1.06 Failed ⁵		Ratio: 2.96 Failed ⁵
Hex(2E1200)	Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 7.40 Passed ⁶	Ratio: 10.51 Passed ⁶	Ratio: 3.15 AA 18pt ²	Ratio: 2.96 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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