

Converting Colors - WCAG Matrix

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

Hex(DC6D56) Hex(FF6545) Hex(DCAF56) Hex(6E6563) Hex(AD1E00) Hex(2E0800)

	Hex(DC6D56)	Hex(FF6545)	Hex(DCAF56)	Hex(6E6563)	Hex(AD1E00)	Hex(2E0800)
Hex(DC6D56)		Ratio: 1.13 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 5.53 AA ¹ AAA 18pt ⁴
Hex(FF6545)	Ratio: 1.13 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 6.25 AA ¹ AAA 18pt ⁴
Hex(DCAF56)	Ratio: 1.62 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 2.78 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 8.96 Passed ⁶
Hex(6E6563)	Ratio: 1.72 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.78 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(AD1E00)	Ratio: 2.15 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 1.25 Failed ⁵		Ratio: 2.57 Failed ⁵
Hex(2E0800)	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 6.25 AA ¹ AAA 18pt ⁴	Ratio: 8.96 Passed ⁶	Ratio: 3.22 AA 18pt ²	Ratio: 2.57 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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