

Converting Colors - WCAG Matrix

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

Hex(DD543C) Hex(FF4221) Hex(DDA23C) Hex(6E6463) Hex(AD1A00) Hex(2E0700)

	Hex(DD543C)	Hex(FF4221)	Hex(DDA23C)	Hex(6E6463)	Hex(AD1A00)	Hex(2E0700)
Hex(DD543C)		Ratio: 1.12 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴
Hex(FF4221)	Ratio: 1.12 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 5.28 AA ¹ AAA 18pt ⁴
Hex(DDA23C)	Ratio: 1.72 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 2.54 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 8.12 Passed ⁶
Hex(6E6463)	Ratio: 1.48 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.54 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(AD1A00)	Ratio: 1.85 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 1.25 Failed ⁵		Ratio: 2.55 Failed ⁵
Hex(2E0700)	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 8.12 Passed ⁶	Ratio: 3.20 AA 18pt ²	Ratio: 2.55 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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