

Converting Colors - WCAG Matrix

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

Hex(A36238) Hex(D46E2C) Hex(A39738) Hex(524D49) Hex(913900) Hex(120700)

	Hex(A36238)	Hex(D46E2C)	Hex(A39738)	Hex(524D49)	Hex(913900)	Hex(120700)
Hex(A36238)		Ratio: 1.39 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 4.13 AA 18pt ²
Hex(D46E2C)	Ratio: 1.39 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 5.74 AA ¹ AAA 18pt ⁴
Hex(A39738)	Ratio: 1.61 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.80 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 6.67 AA ¹ AAA 18pt ⁴
Hex(524D49)	Ratio: 1.73 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.80 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(913900)	Ratio: 1.56 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(120700)	Ratio: 4.13 AA 18pt ²	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 6.67 AA ¹ AAA 18pt ⁴	Ratio: 2.38 Failed ⁵	Ratio: 2.64 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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