

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(A23900) Hex(D44A00) Hex(A28A00) Hex(524C49) Hex(913300) Hex(120600)

	Hex(A23900)	Hex(D44A00)	Hex(A28A00)	Hex(524C49)	Hex(913300)	Hex(120600)
Hex(A23900)		Ratio: 1.53 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(D44A00)	Ratio: 1.53 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴
Hex(A28A00)	Ratio: 1.98 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 2.48 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 5.87 AA ¹ AAA 18pt ⁴
Hex(524C49)	Ratio: 1.25 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.48 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(913300)	Ratio: 1.17 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.55 Failed ⁵
Hex(120600)	Ratio: 2.97 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 5.87 AA ¹ AAA 18pt ⁴	Ratio: 2.37 Failed ⁵	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.