

Converting Colors - WCAG Matrix

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

Hex(A16942) Hex(D17A3D) Hex(A19842) Hex(524D49) Hex(913C00) Hex(120700)

	Hex(A16942)	Hex(D17A3D)	Hex(A19842)	Hex(524D49)	Hex(913C00)	Hex(120700)
Hex(A16942)		Ratio: 1.42 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 4.37 AA 18pt ²
Hex(D17A3D)	Ratio: 1.42 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 6.21 AA ¹ AAA 18pt ⁴
Hex(A19842)	Ratio: 1.54 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.82 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 6.71 AA ¹ AAA 18pt ⁴
Hex(524D49)	Ratio: 1.83 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.82 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(913C00)	Ratio: 1.62 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.70 Failed ⁵
Hex(120700)	Ratio: 4.37 AA 18pt ²	Ratio: 6.21 AA ¹ AAA 18pt ⁴	Ratio: 6.71 AA ¹ AAA 18pt ⁴	Ratio: 2.38 Failed ⁵	Ratio: 2.70 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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