

Converting Colors - WCAG Matrix

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

Hex(62400A) Hex(804E00) Hex(59620A) Hex(302F2C) Hex(704500) Hex(F09300)

	Hex(62400A)	Hex(804E00)	Hex(59620A)	Hex(302F2C)	Hex(704500)	Hex(F09300)
Hex(62400A)		Ratio: 1.33 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.93 AA 18pt ²
Hex(804E00)	Ratio: 1.33 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(59620A)	Ratio: 1.41 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.02 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(302F2C)	Ratio: 1.44 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.02 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 5.66 AA ¹ AAA 18pt ⁴
Hex(704500)	Ratio: 1.13 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 3.50 AA 18pt ²
Hex(F09300)	Ratio: 3.93 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 3.50 AA 18pt ²	

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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