

Converting Colors - WCAG Matrix

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

Hex(842300) Hex(AB2D00) Hex(846300) Hex(423D3C) Hex(822200) Hex(030100)

	Hex(842300)	Hex(AB2D00)	Hex(846300)	Hex(423D3C)	Hex(822200)	Hex(030100)
Hex(842300)		Ratio: 1.40 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(AB2D00)	Ratio: 1.40 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 3.08 AA 18pt ²
Hex(846300)	Ratio: 1.70 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 3.74 AA 18pt ²
Hex(423D3C)	Ratio: 1.13 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(822200)	Ratio: 1.02 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.16 Failed ⁵
Hex(030100)	Ratio: 2.20 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 3.74 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 2.16 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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