

Converting Colors - WCAG Matrix

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

Hex(850046) Hex(AD005B) Hex(008581) Hex(423C3F) Hex(820044) Hex(030001)

	Hex(850046)	Hex(AD005B)	Hex(008581)	Hex(423C3F)	Hex(820044)	Hex(030001)
Hex(850046)		Ratio: 1.40 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(AD005B)	Ratio: 1.40 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(008581)	Ratio: 2.24 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 2.40 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴
Hex(423C3F)	Ratio: 1.07 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 2.40 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(820044)	Ratio: 1.03 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.02 Failed ⁵
Hex(030001)	Ratio: 2.08 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 1.94 Failed ⁵	Ratio: 2.02 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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