

Converting Colors - WCAG Matrix

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

Hex(85005F) Hex(AD007C) Hex(856800) Hex(423C40) Hex(82005D) Hex(030002)

	Hex(85005F)	Hex(AD007C)	Hex(856800)	Hex(423C40)	Hex(82005D)	Hex(030002)
Hex(85005F)		Ratio: 1.42 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(AD007C)	Ratio: 1.42 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(856800)	Ratio: 1.84 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 3.96 AA 18pt ²
Hex(423C40)	Ratio: 1.11 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(82005D)	Ratio: 1.03 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.10 Failed ⁵
Hex(030002)	Ratio: 2.15 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 2.10 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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