

Converting Colors - WCAG Matrix

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

Hex(851459) Hex(AD006B) Hex(857814) Hex(423D40) Hex(82004F) Hex(030003)

	Hex(851459)	Hex(AD006B)	Hex(857814)	Hex(423D40)	Hex(82004F)	Hex(030003)
Hex(851459)		Ratio: 1.33 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(AD006B)	Ratio: 1.33 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(857814)	Ratio: 2.09 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 2.38 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴
Hex(423D40)	Ratio: 1.14 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 2.38 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(82004F)	Ratio: 1.09 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.05 Failed ⁵
Hex(030003)	Ratio: 2.23 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 1.96 Failed ⁵	Ratio: 2.05 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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