

Converting Colors - WCAG Matrix

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

Hex(853859) Hex(AD3469) Hex(388085) Hex(423C3F) Hex(820038) Hex(030001)

	Hex(853859)	Hex(AD3469)	Hex(388085)	Hex(423C3F)	Hex(820038)	Hex(030001)
Hex(853859)		Ratio: 1.28 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(AD3469)	Ratio: 1.28 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(388085)	Ratio: 1.70 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.36 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 4.57 AA ¹ AAA 18pt ⁴
Hex(423C3F)	Ratio: 1.39 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.36 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(820038)	Ratio: 1.35 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.00 Failed ⁵
Hex(030001)	Ratio: 2.70 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 1.94 Failed ⁵	Ratio: 2.00 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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