

Converting Colors - WCAG Matrix

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

Hex(843956) Hex(AB3764) Hex(844139) Hex(423C3E) Hex(820032) Hex(030001)

	Hex(843956)	Hex(AB3764)	Hex(844139)	Hex(423C3E)	Hex(820032)	Hex(030001)
Hex(843956)		Ratio: 1.28 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(AB3764)	Ratio: 1.28 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(844139)	Ratio: 1.04 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(423C3E)	Ratio: 1.39 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(820032)	Ratio: 1.35 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.99 Failed ⁵
Hex(030001)	Ratio: 2.69 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.99 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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