

Converting Colors - WCAG Matrix

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

Hex(820018) Hex(A8001F) Hex(822900) Hex(423C3D) Hex(030000)

	Hex(820018)	Hex(A8001F)	Hex(822900)	Hex(423C3D)	Hex(030000)
Hex(820018)		Ratio: 1.37 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(A8001F)	Ratio: 1.37 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(822900)	Ratio: 1.15 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(423C3D)	Ratio: 1.01 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.94 Failed ⁵
Hex(030000)	Ratio: 1.95 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.94 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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