

Converting Colors - WCAG Matrix

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

Hex(82054A) Hex(A8005C) Hex(827A05) Hex(423D40) Hex(820047) Hex(030000)

	Hex(82054A)	Hex(A8005C)	Hex(827A05)	Hex(423D40)	Hex(820047)	Hex(030000)
Hex(82054A)		Ratio: 1.36 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(A8005C)	Ratio: 1.36 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(827A05)	Ratio: 2.29 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 2.40 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴
Hex(423D40)	Ratio: 1.05 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.40 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(820047)	Ratio: 1.01 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.03 Failed ⁵
Hex(030000)	Ratio: 2.06 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 1.97 Failed ⁵	Ratio: 2.03 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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