

Converting Colors - WCAG Matrix

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

Hex(821B62) Hex(A80877) Hex(826E1B) Hex(423C40) Hex(82005A) Hex(030002)

	Hex(821B62)	Hex(A80877)	Hex(826E1B)	Hex(423C40)	Hex(82005A)	Hex(030002)
Hex(821B62)		Ratio: 1.30 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(A80877)	Ratio: 1.30 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(826E1B)	Ratio: 1.84 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 4.18 AA 18pt ²
Hex(423C40)	Ratio: 1.17 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(82005A)	Ratio: 1.09 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.09 Failed ⁵
Hex(030002)	Ratio: 2.27 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 4.18 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 2.09 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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