

Converting Colors - WCAG Matrix

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

Hex(821A78) Hex(A80799) Hex(82571A) Hex(40393F) Hex(800073) Hex(000000)

	Hex(821A78)	Hex(A80799)	Hex(82571A)	Hex(40393F)	Hex(800073)	Hex(000000)
Hex(821A78)		Ratio: 1.33 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(A80799)	Ratio: 1.33 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(82571A)	Ratio: 1.41 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(40393F)	Ratio: 1.26 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(800073)	Ratio: 1.09 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.17 Failed ⁵
Hex(000000)	Ratio: 2.37 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 3.33 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 2.17 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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