

Converting Colors - WCAG Matrix

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

Hex(877487) Hex(B092B0) Hex(74877E) Hex(423C42) Hex(820082) Hex(030003)

	Hex(877487)	Hex(B092B0)	Hex(74877E)	Hex(423C42)	Hex(820082)	Hex(030003)
Hex(877487)		Ratio: 1.55 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴
Hex(B092B0)	Ratio: 1.55 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 7.55 Passed ⁶
Hex(74877E)	Ratio: 1.13 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 2.82 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 5.48 AA ¹ AAA 18pt ⁴
Hex(423C42)	Ratio: 2.49 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 2.82 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(820082)	Ratio: 2.15 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.26 Failed ⁵
Hex(030003)	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 7.55 Passed ⁶	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 1.95 Failed ⁵	Ratio: 2.26 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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