

Converting Colors - WCAG Matrix

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

Hex(877F84) Hex(B0A4AB) Hex(877F80) Hex(423D40) Hex(820051) Hex(030002)

	Hex(877F84)	Hex(B0A4AB)	Hex(877F80)	Hex(423D40)	Hex(820051)	Hex(030002)
Hex(877F84)		Ratio: 1.62 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 5.37 AA ¹ AAA 18pt ⁴
Hex(B0A4AB)	Ratio: 1.62 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 4.43 AA 18pt ²	Ratio: 4.23 AA 18pt ²	Ratio: 8.70 Passed ⁶
Hex(877F80)	Ratio: 1.00 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 2.73 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(423D40)	Ratio: 2.74 Failed ⁵	Ratio: 4.43 AA 18pt ²	Ratio: 2.73 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(820051)	Ratio: 2.61 Failed ⁵	Ratio: 4.23 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.06 Failed ⁵
Hex(030002)	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 8.70 Passed ⁶	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 1.96 Failed ⁵	Ratio: 2.06 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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