

Converting Colors - WCAG Matrix

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

Hex(92878B) Hex(BDACB2) Hex(879288) Hex(4A4345) Hex(8A0033) Hex(0A0004)

	Hex(92878B)	Hex(BDACB2)	Hex(879288)	Hex(4A4345)	Hex(8A0033)	Hex(0A0004)
Hex(92878B)		Ratio: 1.60 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 5.97 AA ¹ AAA 18pt ⁴
Hex(BDACB2)	Ratio: 1.60 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 4.45 AA 18pt ²	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 9.57 Passed ⁶
Hex(879288)	Ratio: 1.07 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 2.98 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 6.40 AA ¹ AAA 18pt ⁴
Hex(4A4345)	Ratio: 2.78 Failed ⁵	Ratio: 4.45 AA 18pt ²	Ratio: 2.98 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(8A0033)	Ratio: 2.85 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 3.05 AA 18pt ²	Ratio: 1.02 Failed ⁵		Ratio: 2.10 Failed ⁵
Hex(0A0004)	Ratio: 5.97 AA ¹ AAA 18pt ⁴	Ratio: 9.57 Passed ⁶	Ratio: 6.40 AA ¹ AAA 18pt ⁴	Ratio: 2.15 Failed ⁵	Ratio: 2.10 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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