

Converting Colors - WCAG Matrix

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

Hex(94828B) Hex(BFA3B1) Hex(829482) Hex(4A4346) Hex(8A0045) Hex(0A0005)

	Hex(94828B)	Hex(BFA3B1)	Hex(829482)	Hex(4A4346)	Hex(8A0045)	Hex(0A0005)
Hex(94828B)		Ratio: 1.56 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 5.74 AA ¹ AAA 18pt ⁴
Hex(BFA3B1)	Ratio: 1.56 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 4.20 AA 18pt ²	Ratio: 8.95 Passed ⁶
Hex(829482)	Ratio: 1.12 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 2.98 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 6.41 AA ¹ AAA 18pt ⁴
Hex(4A4346)	Ratio: 2.67 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 2.98 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(8A0045)	Ratio: 2.69 Failed ⁵	Ratio: 4.20 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 1.01 Failed ⁵		Ratio: 2.13 Failed ⁵
Hex(0A0005)	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 8.95 Passed ⁶	Ratio: 6.41 AA ¹ AAA 18pt ⁴	Ratio: 2.15 Failed ⁵	Ratio: 2.13 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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