

Converting Colors - WCAG Matrix

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

Hex(93808D) Hex(BFA3B7) Hex(938F80) Hex(4A4348) Hex(8A0060) Hex(0A0007)

	Hex(93808D)	Hex(BFA3B7)	Hex(938F80)	Hex(4A4348)	Hex(8A0060)	Hex(0A0007)
Hex(93808D)		Ratio: 1.60 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 5.62 AA ¹ AAA 18pt ⁴
Hex(BFA3B7)	Ratio: 1.60 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 4.18 AA 18pt ²	Ratio: 4.06 AA 18pt ²	Ratio: 8.99 Passed ⁶
Hex(938F80)	Ratio: 1.13 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 2.96 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 6.38 AA ¹ AAA 18pt ⁴
Hex(4A4348)	Ratio: 2.61 Failed ⁵	Ratio: 4.18 AA 18pt ²	Ratio: 2.96 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(8A0060)	Ratio: 2.54 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.21 Failed ⁵
Hex(0A0007)	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 8.99 Passed ⁶	Ratio: 6.38 AA ¹ AAA 18pt ⁴	Ratio: 2.15 Failed ⁵	Ratio: 2.21 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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