

Converting Colors - WCAG Matrix

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

Hex(94759E) Hex(BF8FCF) Hex(9E7594) Hex(4D474F) Hex(6C008F) Hex(0C000F)

	Hex(94759E)	Hex(BF8FCF)	Hex(9E7594)	Hex(4D474F)	Hex(6C008F)	Hex(0C000F)
Hex(94759E)		Ratio: 1.52 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 5.18 AA ¹ AAA 18pt ⁴
Hex(BF8FCF)	Ratio: 1.52 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 7.87 Passed ⁶
Hex(9E7594)	Ratio: 1.02 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 2.33 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 5.31 AA ¹ AAA 18pt ⁴
Hex(4D474F)	Ratio: 2.27 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 2.33 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(6C008F)	Ratio: 2.60 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.99 Failed ⁵
Hex(0C000F)	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 7.87 Passed ⁶	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 2.28 Failed ⁵	Ratio: 1.99 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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