

Converting Colors - WCAG Matrix

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

Hex(8F7D9C) Hex(B599C9) Hex(9C7D99) Hex(4D474F) Hex(54008F) Hex(0A000F)

	Hex(8F7D9C)	Hex(B599C9)	Hex(9C7D99)	Hex(4D474F)	Hex(54008F)	Hex(0A000F)
Hex(8F7D9C)		Ratio: 1.50 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 5.47 AA ¹ AAA 18pt ⁴
Hex(B599C9)	Ratio: 1.50 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 8.20 Passed ⁶
Hex(9C7D99)	Ratio: 1.04 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 2.49 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 5.69 AA ¹ AAA 18pt ⁴
Hex(4D474F)	Ratio: 2.40 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 2.49 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(54008F)	Ratio: 3.15 AA 18pt ²	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 3.27 AA 18pt ²	Ratio: 1.31 Failed ⁵		Ratio: 1.74 Failed ⁵
Hex(0A000F)	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 8.20 Passed ⁶	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 2.28 Failed ⁵	Ratio: 1.74 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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