

Converting Colors - WCAG Matrix

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

Hex(9F6683) Hex(CF76A3) Hex(9F9E66) Hex(4F474B) Hex(8F0049) Hex(0F0008)

	Hex(9F6683)	Hex(CF76A3)	Hex(9F9E66)	Hex(4F474B)	Hex(8F0049)	Hex(0F0008)
Hex(9F6683)		Ratio: 1.44 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 4.59 AA ¹ AAA 18pt ⁴
Hex(CF76A3)	Ratio: 1.44 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 6.62 AA ¹ AAA 18pt ⁴
Hex(9F9E66)	Ratio: 1.61 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 3.24 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 7.38 Passed ⁶
Hex(4F474B)	Ratio: 2.01 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.24 AA 18pt ²		Ratio: 1.03 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(8F0049)	Ratio: 2.08 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.03 Failed ⁵		Ratio: 2.21 Failed ⁵
Hex(0F0008)	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 6.62 AA ¹ AAA 18pt ⁴	Ratio: 7.38 Passed ⁶	Ratio: 2.28 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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