

Converting Colors - WCAG Matrix

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

Hex(9E4B5D) Hex(CF4C69) Hex(9E634B) Hex(4F4749) Hex(8F001F) Hex(0F0003)

	Hex(9E4B5D)	Hex(CF4C69)	Hex(9E634B)	Hex(4F4749)	Hex(8F001F)	Hex(0F0003)
Hex(9E4B5D)		Ratio: 1.35 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 3.54 AA 18pt ²
Hex(CF4C69)	Ratio: 1.35 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 4.79 AA ¹ AAA 18pt ⁴
Hex(9E634B)	Ratio: 1.20 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 4.25 AA 18pt ²
Hex(4F4749)	Ratio: 1.55 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(8F001F)	Ratio: 1.65 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.14 Failed ⁵
Hex(0F0003)	Ratio: 3.54 AA 18pt ²	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 4.25 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 2.14 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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