

Converting Colors - WCAG Matrix

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

Hex(9C005D) Hex(CC007A) Hex(9C8C00) Hex(4F474C) Hex(8F0055) Hex(0F0009)

	Hex(9C005D)	Hex(CC007A)	Hex(9C8C00)	Hex(4F474C)	Hex(8F0055)	Hex(0F0009)
Hex(9C005D)		Ratio: 1.50 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(CC007A)	Ratio: 1.50 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(9C8C00)	Ratio: 2.40 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 2.64 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 6.02 AA ¹ AAA 18pt ⁴
Hex(4F474C)	Ratio: 1.10 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.64 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(8F0055)	Ratio: 1.12 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.24 Failed ⁵
Hex(0F0009)	Ratio: 2.51 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 6.02 AA ¹ AAA 18pt ⁴	Ratio: 2.28 Failed ⁵	Ratio: 2.24 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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