

Converting Colors - WCAG Matrix

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

Hex(9D0B72) Hex(CC0090) Hex(0B9D7D) Hex(4F474D) Hex(8F0065) Hex(0F000B)

	Hex(9D0B72)	Hex(CC0090)	Hex(0B9D7D)	Hex(4F474D)	Hex(8F0065)	Hex(0F000B)
Hex(9D0B72)		Ratio: 1.46 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(CC0090)	Ratio: 1.46 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 3.87 AA 18pt ²
Hex(0B9D7D)	Ratio: 2.25 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 2.62 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 5.98 AA ¹ AAA 18pt ⁴
Hex(4F474D)	Ratio: 1.16 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.62 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(8F0065)	Ratio: 1.16 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 2.30 Failed ⁵
Hex(0F000B)	Ratio: 2.66 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 2.28 Failed ⁵	Ratio: 2.30 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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