

Converting Colors - WCAG Matrix

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

Hex(9D0D3B) Hex(CC0041) Hex(859D0D) Hex(4F474A) Hex(8F002D) Hex(0F0005)

	Hex(9D0D3B)	Hex(CC0041)	Hex(859D0D)	Hex(4F474A)	Hex(8F002D)	Hex(0F0005)
Hex(9D0D3B)		Ratio: 1.43 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(CC0041)	Ratio: 1.43 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 3.56 AA 18pt ²
Hex(859D0D)	Ratio: 2.67 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 2.93 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 6.68 AA ¹ AAA 18pt ⁴
Hex(4F474A)	Ratio: 1.10 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 2.93 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(8F002D)	Ratio: 1.16 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.06 Failed ⁵		Ratio: 2.16 Failed ⁵
Hex(0F0005)	Ratio: 2.50 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 6.68 AA ¹ AAA 18pt ⁴	Ratio: 2.28 Failed ⁵	Ratio: 2.16 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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