

Converting Colors - WCAG Matrix

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

Hex(7A1A56) Hex(9E0966) Hex(277A1A) Hex(3D373B) Hex(7D004E) Hex(FC009E)

	Hex(7A1A56)	Hex(9E0966)	Hex(277A1A)	Hex(3D373B)	Hex(7D004E)	Hex(FC009E)
Hex(7A1A56)		Ratio: 1.27 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(9E0966)	Ratio: 1.27 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(277A1A)	Ratio: 1.84 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(3D373B)	Ratio: 1.17 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(7D004E)	Ratio: 1.06 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.84 Failed ⁵
Hex(FC009E)	Ratio: 2.67 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 2.84 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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