

Converting Colors - WCAG Matrix

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

Hex(790067) Hex(9E0086) Hex(00794F) Hex(3D373C) Hex(7D006A) Hex(FC00D6)

	Hex(790067)	Hex(9E0086)	Hex(00794F)	Hex(3D373C)	Hex(7D006A)	Hex(FC00D6)
Hex(790067)		Ratio: 1.39 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(9E0086)	Ratio: 1.39 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(00794F)	Ratio: 1.92 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(3D373C)	Ratio: 1.11 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(7D006A)	Ratio: 1.04 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.94 Failed ⁵
Hex(FC00D6)	Ratio: 3.04 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 2.94 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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