

Converting Colors - WCAG Matrix

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

Hex(7A4D79) Hex(9E599D) Hex(7A4D63) Hex(3D373D) Hex(7D007A) Hex(FC00F7)

	Hex(7A4D79)	Hex(9E599D)	Hex(7A4D63)	Hex(3D373D)	Hex(7D007A)	Hex(FC00F7)
Hex(7A4D79)		Ratio: 1.38 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(9E599D)	Ratio: 1.38 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(7A4D63)	Ratio: 1.03 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(3D373D)	Ratio: 1.75 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.58 AA 18pt ²
Hex(7D007A)	Ratio: 1.47 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 3.01 AA 18pt ²
Hex(FC00F7)	Ratio: 2.05 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 3.01 AA 18pt ²	

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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