

Converting Colors - WCAG Matrix

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

Hex(7B6F7B) Hex(A18DA0) Hex(7B6F75) Hex(3D373D) Hex(7D007B) Hex(FC00F9)

	Hex(7B6F7B)	Hex(A18DA0)	Hex(7B6F75)	Hex(3D373D)	Hex(7D007B)	Hex(FC00F9)
Hex(7B6F7B)		Ratio: 1.55 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(A18DA0)	Ratio: 1.55 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 3.17 AA 18pt ²	Ratio: 1.05 Failed ⁵
Hex(7B6F75)	Ratio: 1.01 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 2.41 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(3D373D)	Ratio: 2.43 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 2.41 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.59 AA 18pt ²
Hex(7D007B)	Ratio: 2.04 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 2.03 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 3.02 AA 18pt ²
Hex(FC00F9)	Ratio: 1.48 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 3.02 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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