

Converting Colors - WCAG Matrix

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

Hex(7C507A) Hex(A15C9E) Hex(7C6750) Hex(3D373D) Hex(7D0077) Hex(FC00F1)

	Hex(7C507A)	Hex(A15C9E)	Hex(7C6750)	Hex(3D373D)	Hex(7D0077)	Hex(FC00F1)
Hex(7C507A)		Ratio: 1.38 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(A15C9E)	Ratio: 1.38 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(7C6750)	Ratio: 1.19 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.16 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(3D373D)	Ratio: 1.81 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.16 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.54 AA 18pt ²
Hex(7D0077)	Ratio: 1.54 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 3.00 AA 18pt ²
Hex(FC00F1)	Ratio: 1.95 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 3.00 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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