

Converting Colors - WCAG Matrix

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

Hex(7C2F5D) Hex(A12870) Hex(2F7C74) Hex(3D373B) Hex(7D004B) Hex(FC0097)

	Hex(7C2F5D)	Hex(A12870)	Hex(2F7C74)	Hex(3D373B)	Hex(7D004B)	Hex(FC0097)
Hex(7C2F5D)		Ratio: 1.26 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(A12870)	Ratio: 1.26 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(2F7C74)	Ratio: 1.76 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 2.35 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(3D373B)	Ratio: 1.34 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.35 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(7D004B)	Ratio: 1.23 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.83 Failed ⁵
Hex(FC0097)	Ratio: 2.31 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 2.83 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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