

Converting Colors - WCAG Matrix

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

Hex(78616F) Hex(9C788E) Hex(786164) Hex(3D373B) Hex(7D004C) Hex(FC009A)

	Hex(78616F)	Hex(9C788E)	Hex(786164)	Hex(3D373B)	Hex(7D004C)	Hex(FC009A)
Hex(78616F)		Ratio: 1.47 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(9C788E)	Ratio: 1.47 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(786164)	Ratio: 1.01 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(3D373B)	Ratio: 2.07 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 2.04 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(7D004C)	Ratio: 1.89 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.84 Failed ⁵
Hex(FC009A)	Ratio: 1.50 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 2.84 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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