

Converting Colors - WCAG Matrix

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

Hex(746F77) Hex(978F9C) Hex(776F76) Hex(38353B) Hex(4D007A) Hex(9C00FA)

	Hex(746F77)	Hex(978F9C)	Hex(776F76)	Hex(38353B)	Hex(4D007A)	Hex(9C00FA)
Hex(746F77)		Ratio: 1.57 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(978F9C)	Ratio: 1.57 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 4.21 AA 18pt ²	Ratio: 1.77 Failed ⁵
Hex(776F76)	Ratio: 1.01 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 2.48 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(38353B)	Ratio: 2.46 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 2.48 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(4D007A)	Ratio: 2.68 Failed ⁵	Ratio: 4.21 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.38 Failed ⁵
Hex(9C00FA)	Ratio: 1.13 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.38 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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