

Converting Colors - WCAG Matrix

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

Hex(776374) Hex(9C7C97) Hex(777063) Hex(3B353A) Hex(7A0068) Hex(FA00D4)

	Hex(776374)	Hex(9C7C97)	Hex(777063)	Hex(3B353A)	Hex(7A0068)	Hex(FA00D4)
Hex(776374)		Ratio: 1.50 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(9C7C97)	Ratio: 1.50 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(777063)	Ratio: 1.12 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(3B353A)	Ratio: 2.18 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 2.44 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.42 AA 18pt ²
Hex(7A0068)	Ratio: 1.88 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.97 Failed ⁵
Hex(FA00D4)	Ratio: 1.57 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 2.97 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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