

Converting Colors - WCAG Matrix

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

Hex(776173) Hex(9C7995) Hex(617770) Hex(3B353A) Hex(7A0064) Hex(FA00CC)

	Hex(776173)	Hex(9C7995)	Hex(617770)	Hex(3B353A)	Hex(7A0064)	Hex(FA00CC)
Hex(776173)		Ratio: 1.49 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(9C7995)	Ratio: 1.49 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(617770)	Ratio: 1.17 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.49 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(3B353A)	Ratio: 2.13 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 2.49 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(7A0064)	Ratio: 1.86 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.95 Failed ⁵
Hex(FA00CC)	Ratio: 1.59 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 2.95 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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