

Converting Colors - WCAG Matrix

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

Hex(726773) Hex(968496) Hex(73676E) Hex(3A353B) Hex(74007A) Hex(EF00FA)

	Hex(726773)	Hex(968496)	Hex(73676E)	Hex(3A353B)	Hex(74007A)	Hex(EF00FA)
Hex(726773)		Ratio: 1.55 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(968496)	Ratio: 1.55 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(73676E)	Ratio: 1.00 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(3A353B)	Ratio: 2.23 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 2.22 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(74007A)	Ratio: 1.93 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.97 Failed ⁵
Hex(EF00FA)	Ratio: 1.54 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 3.43 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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