

Converting Colors - WCAG Matrix

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

Hex(746874) Hex(968496) Hex(74686E) Hex(3B353A) Hex(7A0076) Hex(FA00F2)

	Hex(746874)	Hex(968496)	Hex(74686E)	Hex(3B353A)	Hex(7A0076)	Hex(FA00F2)
Hex(746874)		Ratio: 1.52 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(968496)	Ratio: 1.52 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(74686E)	Ratio: 1.01 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 2.25 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(3B353A)	Ratio: 2.26 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 2.25 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.61 AA 18pt ²
Hex(7A0076)	Ratio: 1.90 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 3.04 AA 18pt ²
Hex(FA00F2)	Ratio: 1.60 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 3.04 AA 18pt ²	

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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