

Converting Colors - WCAG Matrix

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

Hex(745E74) Hex(967496) Hex(69745E) Hex(3B353B) Hex(7A007A) Hex(FA00FA)

	Hex(745E74)	Hex(967496)	Hex(69745E)	Hex(3B353B)	Hex(7A007A)	Hex(FA00FA)
Hex(745E74)		Ratio: 1.46 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(967496)	Ratio: 1.46 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(69745E)	Ratio: 1.18 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.42 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(3B353B)	Ratio: 2.04 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 2.42 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(7A007A)	Ratio: 1.71 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 3.06 AA 18pt ²
Hex(FA00FA)	Ratio: 1.79 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 3.06 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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