

Converting Colors - WCAG Matrix

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

Hex(6F6685) Hex(8C7DAD) Hex(7E6685) Hex(3E3C42) Hex(280082) Hex(010003)

	Hex(6F6685)	Hex(8C7DAD)	Hex(7E6685)	Hex(3E3C42)	Hex(280082)	Hex(010003)
Hex(6F6685)		Ratio: 1.44 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.91 AA 18pt ²
Hex(8C7DAD)	Ratio: 1.44 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(7E6685)	Ratio: 1.05 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 2.14 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 4.12 AA 18pt ²
Hex(3E3C42)	Ratio: 2.03 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 2.14 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(280082)	Ratio: 2.77 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 2.92 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.41 Failed ⁵
Hex(010003)	Ratio: 3.91 AA 18pt ²	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 4.12 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 1.41 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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