

Converting Colors - WCAG Matrix

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

	Hex(6E687A)	Hex(8C839E)	Hex(77687A)	Hex(39373D)	Hex(27007D)	Hex(4E00FC)
Hex(6E687A)		Ratio: 1.49 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(8C839E)	Ratio: 1.49 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 4.24 AA 18pt ²	Ratio: 2.15 Failed ⁵
Hex(77687A)	Ratio: 1.03 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 2.26 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(39373D)	Ratio: 2.19 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 2.26 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(27007D)	Ratio: 2.84 Failed ⁵	Ratio: 4.24 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.97 Failed ⁵
Hex(4E00FC)	Ratio: 1.44 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.97 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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