

Converting Colors - WCAG Matrix

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

Hex(5D6975) Hex(738699) Hex(5D5D75) Hex(35383B) Hex(003D7A) Hex(007DFA)

	Hex(5D6975)	Hex(738699)	Hex(5D5D75)	Hex(35383B)	Hex(003D7A)	Hex(007DFA)
Hex(5D6975)		Ratio: 1.50 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(738699)	Ratio: 1.50 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(5D5D75)	Ratio: 1.14 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(35383B)	Ratio: 2.10 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 1.85 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(003D7A)	Ratio: 1.92 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.73 Failed ⁵
Hex(007DFA)	Ratio: 1.42 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 2.73 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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