

Converting Colors - WCAG Matrix

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

Hex(3C4673) Hex(415096) Hex(4D3C73) Hex(35363B) Hex(00167A) Hex(002DFA)

	Hex(3C4673)	Hex(415096)	Hex(4D3C73)	Hex(35363B)	Hex(00167A)	Hex(002DFA)
Hex(3C4673)		Ratio: 1.21 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(415096)	Ratio: 1.21 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(4D3C73)	Ratio: 1.05 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(35363B)	Ratio: 1.33 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(00167A)	Ratio: 1.66 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.97 Failed ⁵
Hex(002DFA)	Ratio: 1.19 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.58 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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