

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(253A74) Hex(1B3C96) Hex(372574) Hex(35363B) Hex(00217A) Hex(0043FA)

	Hex(253A74)	Hex(1B3C96)	Hex(372574)	Hex(35363B)	Hex(00217A)	Hex(0043FA)
Hex(253A74)		Ratio: 1.10 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(1B3C96)	Ratio: 1.10 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(372574)	Ratio: 1.15 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(35363B)	Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(00217A)	Ratio: 1.29 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.12 Failed ⁵
Hex(0043FA)	Ratio: 1.64 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.12 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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