

Converting Colors - WCAG Matrix

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

Hex(4F5375) Hex(5D6499) Hex(5E4F75) Hex(35353B) Hex(000D7A) Hex(001AFA)

	Hex(4F5375)	Hex(5D6499)	Hex(5E4F75)	Hex(35353B)	Hex(000D7A)	Hex(001AFA)
Hex(4F5375)		Ratio: 1.33 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(5D6499)	Ratio: 1.33 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(5E4F75)	Ratio: 1.01 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(35353B)	Ratio: 1.64 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(000D7A)	Ratio: 2.11 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.89 Failed ⁵
Hex(001AFA)	Ratio: 1.12 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.89 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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