

Converting Colors - WCAG Matrix

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

Hex(4C5276) Hex(576199) Hex(5B4C76) Hex(35363B) Hex(00117A) Hex(0024FA)

	Hex(4C5276)	Hex(576199)	Hex(5B4C76)	Hex(35363B)	Hex(00117A)	Hex(0024FA)
Hex(4C5276)		Ratio: 1.29 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(576199)	Ratio: 1.29 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(5B4C76)	Ratio: 1.01 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(35363B)	Ratio: 1.59 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(00117A)	Ratio: 2.04 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.93 Failed ⁵
Hex(0024FA)	Ratio: 1.05 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.93 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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