

Converting Colors - WCAG Matrix

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

	Hex(575F80)	Hex(4B5580)	Hex(3E4B80)	Hex(314180)	Hex(243780)	Hex(182C80)	Hex(0B2280)	Hex(001980)
Hex(575F80)		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(4B5580)	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(3E4B80)	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(314180)	Ratio: 1.53 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(243780)	Ratio: 1.73 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(182C80)	Ratio: 1.96 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(0B2280)	Ratio: 2.16 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(001980)	Ratio: 2.31 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.07 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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