

Converting Colors - WCAG Matrix

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

	Hex(494A8F)	Hex(3B3C8F)	Hex(2C2E8F)	Hex(1E208F)	Hex(10128F)	Hex(01048F)	Hex(00028F)
Hex(494A8F)		Ratio: 1.19 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(3B3C8F)	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(2C2E8F)	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(1E208F)	Ratio: 1.60 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(10128F)	Ratio: 1.77 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(01048F)	Ratio: 1.88 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(00028F)	Ratio: 1.89 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.01 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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