

Converting Colors - WCAG Matrix

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

	Hex(726398)	Hex(675498)	Hex(5C4598)	Hex(513598)	Hex(462698)	Hex(3C1798)	Hex(310898)	Hex(2B0098)
Hex(726398)		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(675498)	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(5C4598)	Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(513598)	Ratio: 1.71 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(462698)	Ratio: 1.99 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(3C1798)	Ratio: 2.24 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(310898)	Ratio: 2.44 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(2B0098)	Ratio: 2.54 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.04 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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