

Converting Colors - WCAG Matrix

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

Hex(4F2078) Hex(5C139C) Hex(782075) Hex(3A373D) Hex(43007D) Hex(8700FC)

	Hex(4F2078)	Hex(5C139C)	Hex(782075)	Hex(3A373D)	Hex(43007D)	Hex(8700FC)
Hex(4F2078)		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(5C139C)	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(782075)	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(3A373D)	Ratio: 1.01 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(43007D)	Ratio: 1.18 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.24 Failed ⁵
Hex(8700FC)	Ratio: 1.90 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.24 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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