

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(4D2F78) Hex(8B809C) Hex(2F5B78) Hex(453E4F) Hex(CFCFCF) Hex(4F4F4F)

	Hex(4D2F78)	Hex(8B809C)	Hex(2F5B78)	Hex(453E4F)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(4D2F78)		Ratio: 2.84 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 6.76 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵
Hex(8B809C)	Ratio: 2.84 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(2F5B78)	Ratio: 1.45 Failed ⁵	Ratio: 1.96 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(453E4F)	Ratio: 1.03 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(CFCFCF)	Ratio: 6.76 AA ¹ AAA 18pt ⁴	Ratio: 2.38 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 6.56 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.29 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 5.26 AA ¹ AAA 18pt ⁴	

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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