

Converting Colors - WCAG Matrix

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

Hex(242477) Hex(7B7B9C) Hex(247777) Hex(3B3B4F) Hex(CFCFCF) Hex(4F4F4F)

	Hex(242477)	Hex(7B7B9C)	Hex(247777)	Hex(3B3B4F)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(242477)		Ratio: 3.23 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 8.46 Passed ⁶	Ratio: 1.61 Failed ⁵
Hex(7B7B9C)	Ratio: 3.23 AA 18pt ²		Ratio: 1.30 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(247777)	Ratio: 2.50 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.55 Failed ⁵
Hex(3B3B4F)	Ratio: 1.21 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 7.00 Passed ⁶	Ratio: 1.33 Failed ⁵
Hex(CFCFCF)	Ratio: 8.46 Passed ⁶	Ratio: 2.61 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 7.00 Passed ⁶		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.61 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.33 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.

This PDF was generated on convertingcolors.com.