

Converting Colors - WCAG Matrix

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

Hex(475571) Hex(FFFFFF) Hex(7987A5) Hex(93A1C0) Hex(AEBCDC) Hex(C9D8F9) Hex(E6F4FF)

	Hex(475571)	Hex(FFFFFF)	Hex(7987A5)	Hex(93A1C0)	Hex(AEBCDC)	Hex(C9D8F9)	Hex(E6F4FF)
Hex(475571)		Ratio: 7.48 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 6.68 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 7.48 Passed ⁶		Ratio: 3.61 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(7987A5)	Ratio: 2.07 Failed ⁵	Ratio: 3.61 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(93A1C0)	Ratio: 2.89 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(AEBCDC)	Ratio: 3.93 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(C9D8F9)	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.28 Failed ⁵
Hex(E6F4FF)	Ratio: 6.68 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.28 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.

This PDF was generated on convertingcolors.com.