

Converting Colors - WCAG Matrix

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

	Hex(002747)	Hex(F7FFFF)	Hex(395378)	Hex(536B92)	Hex(6C84AD)	Hex(879EC8)	Hex(A2B9E4)	Hex(BED5FF)	Hex(DAF1FF)
Hex(002747)		Ratio: 14.99 Passed ⁶	Ratio: 1.94 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 7.67 Passed ⁶	Ratio: 10.25 Passed ⁶	Ratio: 13.04 Passed ⁶
Hex(F7FFFF)	Ratio: 14.99 Passed ⁶		Ratio: 7.72 Passed ⁶	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 3.74 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(395378)	Ratio: 1.94 Failed ⁵	Ratio: 7.72 Passed ⁶		Ratio: 1.45 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.95 AA 18pt ² AAA 18pt ⁴	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 6.71 AA ¹ AAA 18pt ⁴
Hex(536B92)	Ratio: 2.81 Failed ⁵	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 1.45 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.64 AA 18pt ² AAA 18pt ⁴	Ratio: 4.63 AA ¹ AAA 18pt ⁴
Hex(6C84AD)	Ratio: 4.01 AA 18pt ²	Ratio: 3.74 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(879EC8)	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 2.67 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(A2B9E4)	Ratio: 7.67 Passed ⁶	Ratio: 1.95 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(BED5FF)	Ratio: 10.25 Passed ⁶	Ratio: 1.46 Failed ⁵	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 3.64 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.27 Failed ⁵
Hex(DAF1FF)	Ratio: 13.04 Passed ⁶	Ratio: 1.15 Failed ⁵	Ratio: 6.71 AA ¹ AAA 18pt ⁴	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 3.25 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.27 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.