

Converting Colors - WCAG Matrix

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

	Hex(003357)	Hex(FFFFFF)	Hex(3F6189)	Hex(597AA4)	Hex(7493BF)	Hex(8EAEDB)	Hex(AAC9F7)	Hex(C6E5FF)	Hex(E3FFFF)
Hex(003357)		Ratio: 13.03 Passed ⁶	Ratio: 2.04 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 7.70 Passed ⁶	Ratio: 9.96 Passed ⁶	Ratio: 12.42 Passed ⁶
Hex(FFFFFF)	Ratio: 13.03 Passed ⁶		Ratio: 6.40 AA ¹ AAA 18pt ⁴	Ratio: 4.43 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(3F6189)	Ratio: 2.04 Failed ⁵	Ratio: 6.40 AA ¹ AAA 18pt ⁴		Ratio: 1.45 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 6.10 AA ¹ AAA 18pt ⁴
Hex(597AA4)	Ratio: 2.94 Failed ⁵	Ratio: 4.43 AA 18pt ²	Ratio: 1.45 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 4.22 AA 18pt ²
Hex(7493BF)	Ratio: 4.14 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 2.03 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(8EAEDB)	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 2.28 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(AAC9F7)	Ratio: 7.70 Passed ⁶	Ratio: 1.69 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(C6E5FF)	Ratio: 9.96 Passed ⁶	Ratio: 1.31 Failed ⁵	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 3.38 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.25 Failed ⁵
Hex(E3FFFF)	Ratio: 12.42 Passed ⁶	Ratio: 1.05 Failed ⁵	Ratio: 6.10 AA ¹ AAA 18pt ⁴	Ratio: 4.22 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 2.17 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.25 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.