

Converting Colors - WCAG Matrix

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

	Hex(00032A)	Hex(C0E6FF)	Hex(003357)	Hex(1B4A70)	Hex(386189)	Hex(537AA4)	Hex(6E94BF)	Hex(89AEDB)	Hex(A4CAF8)
Hex(00032A)		Ratio: 15.29 Passed ⁶	Ratio: 1.54 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 4.48 AA 18pt ²	Ratio: 6.36 AA ¹ AAA 18pt ⁴	Ratio: 8.74 Passed ⁶	Ratio: 11.83 Passed ⁶
Hex(C0E6FF)	Ratio: 15.29 Passed ⁶		Ratio: 9.93 Passed ⁶	Ratio: 7.08 Passed ⁶	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 3.41 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(003357)	Ratio: 1.54 Failed ⁵	Ratio: 9.93 Passed ⁶		Ratio: 1.40 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 4.13 AA 18pt ² AAA 18pt ⁴	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 7.69 Passed ⁶
Hex(1B4A70)	Ratio: 2.16 Failed ⁵	Ratio: 7.08 Passed ⁶	Ratio: 1.40 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 5.48 AA ¹ AAA 18pt ⁴
Hex(386189)	Ratio: 3.10 AA 18pt ²	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.82 AA 18pt ²
Hex(537AA4)	Ratio: 4.48 AA 18pt ²	Ratio: 3.41 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(6E94BF)	Ratio: 6.36 AA ¹ AAA 18pt ⁴	Ratio: 2.41 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(89AEDB)	Ratio: 8.74 Passed ⁶	Ratio: 1.75 Failed ⁵	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 4.04 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.35 Failed ⁵
Hex(A4CAF8)	Ratio: 11.83 Passed ⁶	Ratio: 1.29 Failed ⁵	Ratio: 7.69 Passed ⁶	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 3.82 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.35 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.