

Converting Colors - WCAG Matrix

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

	Hex(001632)	Hex(192A49)	Hex(314061)	Hex(49577A)	Hex(627093)	Hex(7C89AE)	Hex(96A3CA)	Hex(B1BEE6)	Hex(CDDAFF)	Hex(EAF6FF)
Hex(001632)		Ratio: 1.27 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 7.23 Passed ⁶	Ratio: 9.80 Passed ⁶	Ratio: 12.98 Passed ⁶	Ratio: 16.48 Passed ⁶
Hex(192A49)	Ratio: 1.27 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 7.75 Passed ⁶	Ratio: 10.26 Passed ⁶	Ratio: 13.02 Passed ⁶
Hex(314061)	Ratio: 1.75 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 7.40 Passed ⁶	Ratio: 9.39 Passed ⁶
Hex(49577A)	Ratio: 2.52 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 6.53 AA ¹ AAA 18pt ⁴
Hex(627093)	Ratio: 3.67 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 4.49 AA 18pt ²
Hex(7C89AE)	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 4.12 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(96A3CA)	Ratio: 7.23 Passed ⁶	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 4.12 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(B1BEE6)	Ratio: 9.80 Passed ⁶	Ratio: 7.75 Passed ⁶	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 3.89 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(CDDAFF)	Ratio: 12.98 Passed ⁶	Ratio: 10.26 Passed ⁶	Ratio: 7.40 Passed ⁶	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 3.54 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.27 Failed ⁵
Hex(EAF6FF)	Ratio: 16.48 Passed ⁶	Ratio: 13.02 Passed ⁶	Ratio: 9.39 Passed ⁶	Ratio: 6.53 AA ¹ AAA 18pt ⁴	Ratio: 4.49 AA 18pt ²	Ratio: 3.16 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.68 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.