

Converting Colors - WCAG Matrix

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

	Hex(3D5684)	Hex(FFFFFF)	Hex(7187B9)	Hex(8CA2D5)	Hex(A7BDF2)	Hex(C3D8FF)	Hex(E0F5FF)	Hex(FDFFFF)
Hex(3D5684)		Ratio: 7.34 Passed ⁶	Ratio: 2.05 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 6.52 AA ¹ AAA 18pt ⁴	Ratio: 7.31 Passed ⁶
Hex(FFFFFF)	Ratio: 7.34 Passed ⁶		Ratio: 3.58 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(7187B9)	Ratio: 2.05 Failed ⁵	Ratio: 3.58 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 3.57 AA 18pt ²
Hex(8CA2D5)	Ratio: 2.88 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(A7BDF2)	Ratio: 3.91 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(C3D8FF)	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 1.44 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(E0F5FF)	Ratio: 6.52 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(FDFFFF)	Ratio: 7.31 Passed ⁶	Ratio: 1.00 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.12 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.