

Converting Colors - WCAG Matrix

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

	Hex(3D3896)	Hex(FFFFFF)	Hex(7569CC)	Hex(9182EB)	Hex(AD9CFF)	Hex(C9B5FF)	Hex(E8D1FF)	Hex(FFEDFF)
Hex(3D3896)		Ratio: 9.53 Passed ⁶	Ratio: 2.11 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 6.80 AA ¹ AAA 18pt ⁴	Ratio: 8.53 Passed ⁶
Hex(FFFFFF)	Ratio: 9.53 Passed ⁶		Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 3.18 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(7569CC)	Ratio: 2.11 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴		Ratio: 1.42 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 4.05 AA 18pt ²
Hex(9182EB)	Ratio: 2.99 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(AD9CFF)	Ratio: 4.07 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(C9B5FF)	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 1.82 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(E8D1FF)	Ratio: 6.80 AA ¹ AAA 18pt ⁴	Ratio: 1.40 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.25 Failed ⁵
Hex(FFEDFF)	Ratio: 8.53 Passed ⁶	Ratio: 1.12 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.63 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.