

Converting Colors - WCAG Matrix

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

Hex(91E6FE) Hex(7DE2FF) Hex(91B0FE) Hex(737D80) Hex(0095BF) Hex(003240)

	Hex(91E6FE)	Hex(7DE2FF)	Hex(91B0FE)	Hex(737D80)	Hex(0095BF)	Hex(003240)
Hex(91E6FE)		Ratio: 1.05 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 9.77 Passed ⁶
Hex(7DE2FF)	Ratio: 1.05 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 9.28 Passed ⁶
Hex(91B0FE)	Ratio: 1.52 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 6.43 AA ¹ AAA 18pt ⁴
Hex(737D80)	Ratio: 3.01 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(0095BF)	Ratio: 2.47 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 3.95 AA 18pt ²
Hex(003240)	Ratio: 9.77 Passed ⁶	Ratio: 9.28 Passed ⁶	Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 3.25 AA 18pt ²	Ratio: 3.95 AA 18pt ²	

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.