

Converting Colors - WCAG Matrix

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

Hex(8EB3FF) Hex(78A4FF) Hex(A18EFF) Hex(737780) Hex(003FBF) Hex(001540)

	Hex(8EB3FF)	Hex(78A4FF)	Hex(A18EFF)	Hex(737780)	Hex(003FBF)	Hex(001540)
Hex(8EB3FF)		Ratio: 1.17 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 8.50 Passed ⁶
Hex(78A4FF)	Ratio: 1.17 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 7.24 Passed ⁶
Hex(A18EFF)	Ratio: 1.28 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 6.63 AA ¹ AAA 18pt ⁴
Hex(737780)	Ratio: 2.15 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 1.90 Failed ⁵	Ratio: 3.96 AA 18pt ²
Hex(003FBF)	Ratio: 4.08 AA 18pt ²	Ratio: 3.47 AA 18pt ²	Ratio: 3.18 AA 18pt ²	Ratio: 1.90 Failed ⁵		Ratio: 2.09 Failed ⁵
Hex(001540)	Ratio: 8.50 Passed ⁶	Ratio: 7.24 Passed ⁶	Ratio: 6.63 AA ¹ AAA 18pt ⁴	Ratio: 3.96 AA 18pt ²	Ratio: 2.09 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.

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