

Converting Colors - WCAG Matrix

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

Hex(8D93FF) Hex(757DFF) Hex(BE8DFF) Hex(737380) Hex(000ABF) Hex(000340)

	Hex(8D93FF)	Hex(757DFF)	Hex(BE8DFF)	Hex(737380)	Hex(000ABF)	Hex(000340)
Hex(8D93FF)		Ratio: 1.26 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 4.32 AA 18pt ²	Ratio: 7.13 Passed ⁶
Hex(757DFF)	Ratio: 1.26 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(BE8DFF)	Ratio: 1.09 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 7.77 Passed ⁶
Hex(737380)	Ratio: 1.72 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.88 Failed ⁵		Ratio: 2.50 Failed ⁵	Ratio: 4.13 AA 18pt ²
Hex(000ABF)	Ratio: 4.32 AA 18pt ²	Ratio: 3.42 AA 18pt ²	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 2.50 Failed ⁵		Ratio: 1.65 Failed ⁵
Hex(000340)	Ratio: 7.13 Passed ⁶	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 7.77 Passed ⁶	Ratio: 4.13 AA 18pt ²	Ratio: 1.65 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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