

Converting Colors - WCAG Matrix

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

Hex(8973FF) Hex(DDD6FF) Hex(73EAFf) Hex(6B6780) Hex(000000) Hex(808080)

	Hex(8973FF)	Hex(DDD6FF)	Hex(73EAFf)	Hex(6B6780)	Hex(000000)	Hex(808080)
Hex(8973FF)		Ratio: 2.54 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(DDD6FF)	Ratio: 2.54 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 15.14 Passed ⁶	Ratio: 2.85 Failed ⁵
Hex(73EAFf)	Ratio: 2.51 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 3.85 AA 18pt ²	Ratio: 14.94 Passed ⁶	Ratio: 2.81 Failed ⁵
Hex(6B6780)	Ratio: 1.54 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 3.85 AA 18pt ²		Ratio: 3.88 AA 18pt ²	Ratio: 1.37 Failed ⁵
Hex(000000)	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 15.14 Passed ⁶	Ratio: 14.94 Passed ⁶	Ratio: 3.88 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.12 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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