

Converting Colors - WCAG Matrix

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

Hex(8688FD) Hex(7073FF) Hex(BE86FD) Hex(737380) Hex(0003BF) Hex(000140)

	Hex(8688FD)	Hex(7073FF)	Hex(BE86FD)	Hex(737380)	Hex(0003BF)	Hex(000140)
Hex(8688FD)		Ratio: 1.25 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 6.45 AA ¹ AAA 18pt ⁴
Hex(7073FF)	Ratio: 1.25 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 5.18 AA ¹ AAA 18pt ⁴
Hex(BE86FD)	Ratio: 1.15 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 7.43 Passed ⁶
Hex(737380)	Ratio: 1.55 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 2.55 Failed ⁵	Ratio: 4.17 AA 18pt ²
Hex(0003BF)	Ratio: 3.94 AA 18pt ²	Ratio: 3.16 AA 18pt ²	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 2.55 Failed ⁵		Ratio: 1.64 Failed ⁵
Hex(000140)	Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 7.43 Passed ⁶	Ratio: 4.17 AA 18pt ²	Ratio: 1.64 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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