

Converting Colors - WCAG Matrix

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

Hex(FF94FD) Hex(FF80FD) Hex(94FFCB) Hex(7F737F) Hex(BF00BC) Hex(40003F)

	Hex(FF94FD)	Hex(FF80FD)	Hex(94FFCB)	Hex(7F737F)	Hex(BF00BC)	Hex(40003F)
Hex(FF94FD)		Ratio: 1.12 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 8.46 Passed ⁶
Hex(FF80FD)	Ratio: 1.12 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 7.57 Passed ⁶
Hex(94FFCB)	Ratio: 1.60 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 3.74 AA 18pt ²	Ratio: 4.42 AA 18pt ²	Ratio: 13.51 Passed ⁶
Hex(7F737F)	Ratio: 2.34 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 3.74 AA 18pt ²		Ratio: 1.18 Failed ⁵	Ratio: 3.61 AA 18pt ²
Hex(BF00BC)	Ratio: 2.77 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 4.42 AA 18pt ²	Ratio: 1.18 Failed ⁵		Ratio: 3.06 AA 18pt ²
Hex(40003F)	Ratio: 8.46 Passed ⁶	Ratio: 7.57 Passed ⁶	Ratio: 13.51 Passed ⁶	Ratio: 3.61 AA 18pt ²	Ratio: 3.06 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.

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