

Converting Colors - WCAG Matrix

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

Hex(F993F7) Hex(FF82FC) Hex(C4F993) Hex(7D707D) Hex(BD00B9) Hex(3D003C)

	Hex(F993F7)	Hex(FF82FC)	Hex(C4F993)	Hex(7D707D)	Hex(BD00B9)	Hex(3D003C)
Hex(F993F7)		Ratio: 1.07 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 8.34 Passed ⁶
Hex(FF82FC)	Ratio: 1.07 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 7.80 Passed ⁶
Hex(C4F993)	Ratio: 1.64 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 3.86 AA 18pt ²	Ratio: 4.48 AA 18pt ²	Ratio: 13.71 Passed ⁶
Hex(7D707D)	Ratio: 2.35 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 3.86 AA 18pt ²		Ratio: 1.16 Failed ⁵	Ratio: 3.55 AA 18pt ²
Hex(BD00B9)	Ratio: 2.73 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 4.48 AA 18pt ²	Ratio: 1.16 Failed ⁵		Ratio: 3.06 AA 18pt ²
Hex(3D003C)	Ratio: 8.34 Passed ⁶	Ratio: 7.80 Passed ⁶	Ratio: 13.71 Passed ⁶	Ratio: 3.55 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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