

Converting Colors - WCAG Matrix

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

Hex(FF99D2) Hex(FF85C9) Hex(A0FF99) Hex(80737A) Hex(BF006C) Hex(400024)

	Hex(FF99D2)	Hex(FF85C9)	Hex(A0FF99)	Hex(80737A)	Hex(BF006C)	Hex(400024)
Hex(FF99D2)		Ratio: 1.14 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 8.64 Passed ⁶
Hex(FF85C9)	Ratio: 1.14 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 7.60 Passed ⁶
Hex(A0FF99)	Ratio: 1.61 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 3.71 AA 18pt ²	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 13.88 Passed ⁶
Hex(80737A)	Ratio: 2.31 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 3.71 AA 18pt ²		Ratio: 1.36 Failed ⁵	Ratio: 3.74 AA 18pt ²
Hex(BF006C)	Ratio: 3.13 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 1.36 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(400024)	Ratio: 8.64 Passed ⁶	Ratio: 7.60 Passed ⁶	Ratio: 13.88 Passed ⁶	Ratio: 3.74 AA 18pt ²	Ratio: 2.76 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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