

Converting Colors - WCAG Matrix

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

Hex(FFA1D6) Hex(FF8FCE) Hex(A1FFF9) Hex(80737A) Hex(BF006C) Hex(400024)

	Hex(FFA1D6)	Hex(FF8FCE)	Hex(A1FFF9)	Hex(80737A)	Hex(BF006C)	Hex(400024)
Hex(FFA1D6)		Ratio: 1.12 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 9.10 Passed ⁶
Hex(FF8FCE)	Ratio: 1.12 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 8.10 Passed ⁶
Hex(A1FFF9)	Ratio: 1.61 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 3.91 AA 18pt ²	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 14.63 Passed ⁶
Hex(80737A)	Ratio: 2.43 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 3.91 AA 18pt ²		Ratio: 1.36 Failed ⁵	Ratio: 3.74 AA 18pt ²
Hex(BF006C)	Ratio: 3.30 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 1.36 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(400024)	Ratio: 9.10 Passed ⁶	Ratio: 8.10 Passed ⁶	Ratio: 14.63 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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