

Converting Colors - WCAG Matrix

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

Hex(F7D4F7) Hex(FFD4FF) Hex(D4F7E6) Hex(7A6E7A) Hex(BA00BA) Hex(3B003B)

	Hex(F7D4F7)	Hex(FFD4FF)	Hex(D4F7E6)	Hex(7A6E7A)	Hex(BA00BA)	Hex(3B003B)
Hex(F7D4F7)		Ratio: 1.03 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 4.14 AA 18pt ²	Ratio: 12.58 Passed ⁶
Hex(FFD4FF)	Ratio: 1.03 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 4.24 AA 18pt ²	Ratio: 12.90 Passed ⁶
Hex(D4F7E6)	Ratio: 1.16 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 4.21 AA 18pt ²	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 14.61 Passed ⁶
Hex(7A6E7A)	Ratio: 3.62 AA 18pt ²	Ratio: 3.71 AA 18pt ²	Ratio: 4.21 AA 18pt ²		Ratio: 1.14 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(BA00BA)	Ratio: 4.14 AA 18pt ²	Ratio: 4.24 AA 18pt ²	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵		Ratio: 3.04 AA 18pt ²
Hex(3B003B)	Ratio: 12.58 Passed ⁶	Ratio: 12.90 Passed ⁶	Ratio: 14.61 Passed ⁶	Ratio: 3.47 AA 18pt ²	Ratio: 3.04 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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