

Converting Colors - WCAG Matrix

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

Hex(**FF7DFC**) Hex(**FF63FC**) Hex(**FF7DBC**) Hex(**80737F**) Hex(**BF00BB**) Hex(**40003E**)

	Hex(FF7DFC)	Hex(FF63FC)	Hex(FF7DBC)	Hex(80737F)	Hex(BF00BB)	Hex(40003E)
Hex(FF7DFC)		Ratio: 1.14 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 7.45 Passed ⁶
Hex(FF63FC)	Ratio: 1.14 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 6.56 AA ¹ AAA 18pt ⁴
Hex(FF7DBC)	Ratio: 1.08 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 6.92 AA ¹ AAA 18pt ⁴
Hex(80737F)	Ratio: 2.05 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.63 AA 18pt ²
Hex(BF00BB)	Ratio: 2.44 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 3.05 AA 18pt ²
Hex(40003E)	Ratio: 7.45 Passed ⁶	Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 6.92 AA ¹ AAA 18pt ⁴	Ratio: 3.63 AA 18pt ²	Ratio: 3.05 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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