

Converting Colors - WCAG Matrix

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

Hex(FA00F6) Hex(FF00FB) Hex(FA007D) Hex(7D707D) Hex(BD00BA) Hex(3D003C)

	Hex(FA00F6)	Hex(FF00FB)	Hex(FA007D)	Hex(7D707D)	Hex(BD00BA)	Hex(3D003C)
Hex(FA00F6)		Ratio: 1.04 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 5.06 AA ¹ AAA 18pt ⁴
Hex(FF00FB)	Ratio: 1.04 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(FA007D)	Ratio: 1.19 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 4.24 AA 18pt ²
Hex(7D707D)	Ratio: 1.43 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.55 AA 18pt ²
Hex(BD00BA)	Ratio: 1.65 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 3.06 AA 18pt ²
Hex(3D003C)	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 5.26 AA ¹ AAA 18pt ⁴	Ratio: 4.24 AA 18pt ²	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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