

Converting Colors - WCAG Matrix

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

Hex(F53BFF) Hex(F314FF) Hex(FF3BA7) Hex(7F7380) Hex(B600BF) Hex(3D0040)

	Hex(F53BFF)	Hex(F314FF)	Hex(FF3BA7)	Hex(7F7380)	Hex(B600BF)	Hex(3D0040)
Hex(F53BFF)		Ratio: 1.09 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 5.46 AA ¹ AAA 18pt ⁴
Hex(F314FF)	Ratio: 1.09 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 4.99 AA ¹ AAA 18pt ⁴
Hex(FF3BA7)	Ratio: 1.08 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 5.06 AA ¹ AAA 18pt ⁴
Hex(7F7380)	Ratio: 1.49 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(B600BF)	Ratio: 1.86 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.94 Failed ⁵
Hex(3D0040)	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 3.67 AA 18pt ²	Ratio: 2.94 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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