

Converting Colors - WCAG Matrix

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

Hex(FF5EB3) Hex(FF3DA4) Hex(5EFFFF) Hex(807379) Hex(BF0065) Hex(400022)

	Hex(FF5EB3)	Hex(FF3DA4)	Hex(5EFFFF)	Hex(807379)	Hex(BF0065)	Hex(400022)
Hex(FF5EB3)		Ratio: 1.16 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 6.05 AA ¹ AAA 18pt ⁴
Hex(FF3DA4)	Ratio: 1.16 Failed ⁵		Ratio: 2.66 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 5.20 AA ¹ AAA 18pt ⁴
Hex(5EFFFF)	Ratio: 2.29 Failed ⁵	Ratio: 2.66 Failed ⁵		Ratio: 3.69 AA 18pt ²	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 13.83 Passed ⁶
Hex(807379)	Ratio: 1.62 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 3.69 AA 18pt ²		Ratio: 1.37 Failed ⁵	Ratio: 3.74 AA 18pt ²
Hex(BF0065)	Ratio: 2.20 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.37 Failed ⁵		Ratio: 2.74 Failed ⁵
Hex(400022)	Ratio: 6.05 AA ¹ AAA 18pt ⁴	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 13.83 Passed ⁶	Ratio: 3.74 AA 18pt ²	Ratio: 2.74 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.

This PDF was generated on convertingcolors.com.