

Converting Colors - WCAG Matrix

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

Hex(F683AE) Hex(FF70A6) Hex(83E9F6) Hex(7A6E73) Hex(BA0046) Hex(3B0016)

	Hex(F683AE)	Hex(FF70A6)	Hex(83E9F6)	Hex(7A6E73)	Hex(BA0046)	Hex(3B0016)
Hex(F683AE)		Ratio: 1.08 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 7.33 Passed ⁶
Hex(FF70A6)	Ratio: 1.08 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 6.78 AA ¹ AAA 18pt ⁴
Hex(83E9F6)	Ratio: 1.70 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 3.47 AA 18pt ²	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 12.48 Passed ⁶
Hex(7A6E73)	Ratio: 2.04 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 3.47 AA 18pt ²		Ratio: 1.36 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(BA0046)	Ratio: 2.76 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 1.36 Failed ⁵		Ratio: 2.65 Failed ⁵
Hex(3B0016)	Ratio: 7.33 Passed ⁶	Ratio: 6.78 AA ¹ AAA 18pt ⁴	Ratio: 12.48 Passed ⁶	Ratio: 3.60 AA 18pt ²	Ratio: 2.65 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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