

Converting Colors - WCAG Matrix

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

Hex(F3768E) Hex(FF617F) Hex(76F39C) Hex(7A6E71) Hex(BA0024) Hex(3B000B)

	Hex(F3768E)	Hex(FF617F)	Hex(76F39C)	Hex(7A6E71)	Hex(BA0024)	Hex(3B000B)
Hex(F3768E)		Ratio: 1.07 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 6.54 AA ¹ AAA 18pt ⁴
Hex(FF617F)	Ratio: 1.07 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 6.10 AA ¹ AAA 18pt ⁴
Hex(76F39C)	Ratio: 1.93 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 3.51 AA 18pt ²	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 12.66 Passed ⁶
Hex(7A6E71)	Ratio: 1.81 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 3.51 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 3.61 AA 18pt ²
Hex(BA0024)	Ratio: 2.50 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 1.38 Failed ⁵		Ratio: 2.61 Failed ⁵
Hex(3B000B)	Ratio: 6.54 AA ¹ AAA 18pt ⁴	Ratio: 6.10 AA ¹ AAA 18pt ⁴	Ratio: 12.66 Passed ⁶	Ratio: 3.61 AA 18pt ²	Ratio: 2.61 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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