

Converting Colors - WCAG Matrix

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

Hex(F36D9E) Hex(FF5794) Hex(F37F6D) Hex(7A6E73) Hex(BA0044) Hex(3B0015)

	Hex(F36D9E)	Hex(FF5794)	Hex(F37F6D)	Hex(7A6E73)	Hex(BA0044)	Hex(3B0015)
Hex(F36D9E)		Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 6.26 AA ¹ AAA 18pt ⁴
Hex(FF5794)	Ratio: 1.06 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 5.88 AA ¹ AAA 18pt ⁴
Hex(F37F6D)	Ratio: 1.08 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 6.74 AA ¹ AAA 18pt ⁴
Hex(7A6E73)	Ratio: 1.74 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(BA0044)	Ratio: 2.36 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 2.65 Failed ⁵
Hex(3B0015)	Ratio: 6.26 AA ¹ AAA 18pt ⁴	Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 6.74 AA ¹ AAA 18pt ⁴	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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