

Converting Colors - WCAG Matrix

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

	Hex(FF97AF)	Hex(FF7E9B)	Hex(FF6488)	Hex(FF4B74)	Hex(FF3161)	Hex(FF184D)	Hex(FF003B)
Hex(FF97AF)		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(FF7E9B)	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(FF6488)	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(FF4B74)	Ratio: 1.58 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(FF3161)	Ratio: 1.76 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(FF184D)	Ratio: 1.88 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(FF003B)	Ratio: 1.94 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.03 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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