

Converting Colors - WCAG Matrix

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

Hex(FF8088) Hex(FFFFFF) Hex(FFB7BD) Hex(FFD4D9) Hex(FFF1F5)

	Hex(FF8088)	Hex(FFFFFF)	Hex(FFB7BD)	Hex(FFD4D9)	Hex(FFF1F5)
Hex(FF8088)		Ratio: 2.42 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(FFFFFF)	Ratio: 2.42 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(FFB7BD)	Ratio: 1.47 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(FFD4D9)	Ratio: 1.80 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFF1F5)	Ratio: 2.20 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.22 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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