

Converting Colors - WCAG Matrix

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

Hex(DD7A8C) Hex(FB95A6) Hex(FFB0C1) Hex(FFCCDD) Hex(FFE9FA) Hex(FFFFFF)

	Hex(DD7A8C)	Hex(FB95A6)	Hex(FFB0C1)	Hex(FFCCDD)	Hex(FFE9FA)	Hex(FFFFFF)
Hex(DD7A8C)		Ratio: 1.38 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(FB95A6)	Ratio: 1.38 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(FFB0C1)	Ratio: 1.69 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(FFCCDD)	Ratio: 2.06 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(FFE9FA)	Ratio: 2.53 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(FFFFFF)	Ratio: 2.90 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.15 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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