

Converting Colors - WCAG Matrix

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

Hex(D46675) Hex(FFFFFF) Hex(FF9CA8) Hex(FFB8C4) Hex(FFD4E0) Hex(FFF2FC)

	Hex(D46675)	Hex(FFFFFF)	Hex(FF9CA8)	Hex(FFB8C4)	Hex(FFD4E0)	Hex(FFF2FC)
Hex(D46675)		Ratio: 3.53 AA 18pt ²	Ratio: 1.77 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.53 AA 18pt ²		Ratio: 1.99 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(FF9CA8)	Ratio: 1.77 Failed ⁵	Ratio: 1.99 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(FFB8C4)	Ratio: 2.17 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(FFD4E0)	Ratio: 2.64 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.23 Failed ⁵
Hex(FFF2FC)	Ratio: 3.25 AA 18pt ²	Ratio: 1.08 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.23 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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