

Converting Colors - WCAG Matrix

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

Hex(DB82A1) Hex(FFFFFF) Hex(FFB8D8) Hex(FFD4F4) Hex(FFF1FF)

Hex(DB82A1)		Ratio: 2.72 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(FFFFFF)	Ratio: 2.72 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(FFB8D8)	Ratio: 1.70 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(FFD4F4)	Ratio: 2.07 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.21 Failed ⁵
Hex(FFF1FF)	Ratio: 2.50 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.21 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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