

Converting Colors - WCAG Matrix

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

Hex(D182C4) Hex(FFFFFF) Hex(FFB8FD) Hex(FFD4FF) Hex(FFF1FF)

	Hex(D182C4)	Hex(FFFFFF)	Hex(FFB8FD)	Hex(FFD4FF)	Hex(FFF1FF)
Hex(D182C4)		Ratio: 2.73 Failed⁵	Ratio: 1.76 Failed⁵	Ratio: 2.09 Failed⁵	Ratio: 2.50 Failed⁵
Hex(FFFFFF)	Ratio: 2.73 Failed⁵		Ratio: 1.55 Failed⁵	Ratio: 1.30 Failed⁵	Ratio: 1.09 Failed⁵
Hex(FFB8FD)	Ratio: 1.76 Failed⁵	Ratio: 1.55 Failed⁵		Ratio: 1.19 Failed⁵	Ratio: 1.43 Failed⁵
Hex(FFD4FF)	Ratio: 2.09 Failed⁵	Ratio: 1.30 Failed⁵	Ratio: 1.19 Failed⁵		Ratio: 1.20 Failed⁵
Hex(FFF1FF)	Ratio: 2.50 Failed⁵	Ratio: 1.09 Failed⁵	Ratio: 1.43 Failed⁵	Ratio: 1.20 Failed⁵	

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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