

Converting Colors - WCAG Matrix

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

Hex(6A6577) Hex(FFFFFF) Hex(9D98AB) Hex(B8B3C6) Hex(D4CEE3) Hex(F0EAFB)

	Hex(6A6577)	Hex(FFFFFF)	Hex(9D98AB)	Hex(B8B3C6)	Hex(D4CEE3)	Hex(F0EAFB)
Hex(6A6577)		Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 4.79 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.61 AA ¹ AAA 18pt ⁴		Ratio: 2.80 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(9D98AB)	Ratio: 2.01 Failed ⁵	Ratio: 2.80 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(B8B3C6)	Ratio: 2.75 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(D4CEE3)	Ratio: 3.67 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(F0EAFB)	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.30 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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