

Converting Colors - WCAG Matrix

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

	Hex(576D7E)	Hex(FFFFFF)	Hex(8AA0B3)	Hex(A4BBCE)	Hex(C0D7EA)	Hex(DCF4FF)	Hex(F9FFFF)
Hex(576D7E)		Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 1.99 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 5.34 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.39 AA ¹ AAA 18pt ⁴		Ratio: 2.71 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(8AA0B3)	Ratio: 1.99 Failed ⁵	Ratio: 2.71 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(A4BBCE)	Ratio: 2.72 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(C0D7EA)	Ratio: 3.63 AA 18pt ²	Ratio: 1.48 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(DCF4FF)	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(F9FFFF)	Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.13 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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