

Converting Colors - WCAG Matrix

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

Hex(527373) Hex(FFFFFF) Hex(85A7A7) Hex(9FC2C2) Hex(BADEDE) Hex(D6FBFA) Hex(F3FFFF)

	Hex(527373)	Hex(FFFFFF)	Hex(85A7A7)	Hex(9FC2C2)	Hex(BADEDE)	Hex(D6FBFA)	Hex(F3FFFF)
Hex(527373)		Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 1.99 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 5.07 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.17 AA ¹ AAA 18pt ⁴		Ratio: 2.60 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(85A7A7)	Ratio: 1.99 Failed ⁵	Ratio: 2.60 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(9FC2C2)	Ratio: 2.70 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(BADEDE)	Ratio: 3.60 AA 18pt ²	Ratio: 1.44 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(D6FBFA)	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(F3FFFF)	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.08 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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