

Converting Colors - WCAG Matrix

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

Hex(52666E) Hex(FFFFFF) Hex(8599A1) Hex(9EB5BD) Hex(BACFD9) Hex(D6EBF5) Hex(F2FFFF)

	Hex(52666E)	Hex(FFFFFF)	Hex(8599A1)	Hex(9EB5BD)	Hex(BACFD9)	Hex(D6EBF5)	Hex(F2FFFF)
Hex(52666E)		Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 5.89 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.03 AA ¹ AAA 18pt ⁴		Ratio: 2.97 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(8599A1)	Ratio: 2.03 Failed ⁵	Ratio: 2.97 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(9EB5BD)	Ratio: 2.81 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(BACFD9)	Ratio: 3.74 AA 18pt ²	Ratio: 1.61 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(D6EBF5)	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(F2FFFF)	Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.20 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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