

Converting Colors - WCAG Matrix

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

Hex(6E8484) Hex(FFFFFF) Hex(A2B9B9) Hex(BDD5D5) Hex(D9F1F1) Hex(F5FFFF)

	Hex(6E8484)	Hex(FFFFFF)	Hex(A2B9B9)	Hex(BDD5D5)	Hex(D9F1F1)	Hex(F5FFFF)
Hex(6E8484)		Ratio: 3.96 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 3.90 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.96 AA 18pt ²		Ratio: 2.06 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(A2B9B9)	Ratio: 1.92 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(BDD5D5)	Ratio: 2.58 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(D9F1F1)	Ratio: 3.36 AA 18pt ²	Ratio: 1.18 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.16 Failed ⁵
Hex(F5FFFF)	Ratio: 3.90 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.16 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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