

Converting Colors - WCAG Matrix

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

Hex(5B6565) Hex(F6FFFF) Hex(8E9898) Hex(A8B3B2) Hex(C3CECE) Hex(DFEAEA)

	Hex(5B6565)	Hex(F6FFFF)	Hex(8E9898)	Hex(A8B3B2)	Hex(C3CECE)	Hex(DFEAEA)
Hex(5B6565)		Ratio: 5.91 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 4.89 AA ¹ AAA 18pt ⁴
Hex(F6FFFF)	Ratio: 5.91 AA ¹ AAA 18pt ⁴		Ratio: 2.91 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(8E9898)	Ratio: 2.03 Failed ⁵	Ratio: 2.91 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(A8B3B2)	Ratio: 2.79 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(C3CECE)	Ratio: 3.73 AA 18pt ²	Ratio: 1.58 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵
Hex(DFEAEA)	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 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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