

Converting Colors - WCAG Matrix

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

Hex(4F5F5F) Hex(F0FFFF) Hex(809191) Hex(9AACAC) Hex(B5C7C7) Hex(D1E3E3) Hex(EDFFFF)

	Hex(4F5F5F)	Hex(F0FFFF)	Hex(809191)	Hex(9AACAC)	Hex(B5C7C7)	Hex(D1E3E3)	Hex(EDFFFF)
Hex(4F5F5F)		Ratio: 6.52 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 6.49 AA ¹ AAA 18pt ⁴
Hex(F0FFFF)	Ratio: 6.52 AA ¹ AAA 18pt ⁴		Ratio: 3.21 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(809191)	Ratio: 2.03 Failed ⁵	Ratio: 3.21 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(9AACAC)	Ratio: 2.83 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(B5C7C7)	Ratio: 3.82 AA 18pt ²	Ratio: 1.71 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(D1E3E3)	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.29 Failed ⁵
Hex(EDFFFF)	Ratio: 6.49 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 2.29 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.29 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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