

Converting Colors - WCAG Matrix

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

Hex(8F9F9F) Hex(B6CFCF) Hex(8F979F) Hex(474F4F) Hex(008F8F) Hex(000F0F)

	Hex(8F9F9F)	Hex(B6CFCF)	Hex(8F979F)	Hex(474F4F)	Hex(008F8F)	Hex(000F0F)
Hex(8F9F9F)		Ratio: 1.68 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 7.09 Passed ⁶
Hex(B6CFCF)	Ratio: 1.68 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 2.41 Failed ⁵	Ratio: 11.92 Passed ⁶
Hex(8F979F)	Ratio: 1.08 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 2.84 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 6.60 AA ¹ AAA 18pt ⁴
Hex(474F4F)	Ratio: 3.05 AA 18pt ²	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 2.84 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(008F8F)	Ratio: 1.43 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 4.95 AA ¹ AAA 18pt ⁴
Hex(000F0F)	Ratio: 7.09 Passed ⁶	Ratio: 11.92 Passed ⁶	Ratio: 6.60 AA ¹ AAA 18pt ⁴	Ratio: 2.32 Failed ⁵	Ratio: 4.95 AA ¹ AAA 18pt ⁴	

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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