

Converting Colors - WCAG Matrix

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

Hex(7A9E8E) Hex(95CFB5) Hex(7A9C9E) Hex(474F4C) Hex(008F51) Hex(000F09)

	Hex(7A9E8E)	Hex(95CFB5)	Hex(7A9C9E)	Hex(474F4C)	Hex(008F51)	Hex(000F09)
Hex(7A9E8E)		Ratio: 1.67 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 6.63 AA ¹ AAA 18pt ⁴
Hex(95CFB5)	Ratio: 1.67 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 2.35 Failed ⁵	Ratio: 11.07 Passed ⁶
Hex(7A9C9E)	Ratio: 1.00 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 2.84 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 6.60 AA ¹ AAA 18pt ⁴
Hex(474F4C)	Ratio: 2.85 Failed ⁵	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 2.84 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(008F51)	Ratio: 1.41 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 4.71 AA ¹ AAA 18pt ⁴
Hex(000F09)	Ratio: 6.63 AA ¹ AAA 18pt ⁴	Ratio: 11.07 Passed ⁶	Ratio: 6.60 AA ¹ AAA 18pt ⁴	Ratio: 2.32 Failed ⁵	Ratio: 4.71 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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