

Converting Colors - WCAG Matrix

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

Hex(3F9E9C) Hex(3ACFC9) Hex(3F729E) Hex(474F4F) Hex(008F8D) Hex(000F0D)

	Hex(3F9E9C)	Hex(3ACFC9)	Hex(3F729E)	Hex(474F4F)	Hex(008F8D)	Hex(000F0D)
Hex(3F9E9C)		Ratio: 1.66 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 6.13 AA ¹ AAA 18pt ⁴
Hex(3ACFC9)	Ratio: 1.66 Failed ⁵		Ratio: 2.66 Failed ⁵	Ratio: 4.38 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 10.19 Passed ⁶
Hex(3F729E)	Ratio: 1.60 Failed ⁵	Ratio: 2.66 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 3.83 AA 18pt ²
Hex(474F4F)	Ratio: 2.63 Failed ⁵	Ratio: 4.38 AA 18pt ²	Ratio: 1.65 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(008F8D)	Ratio: 1.24 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 4.95 AA ¹ AAA 18pt ⁴
Hex(000F0D)	Ratio: 6.13 AA ¹ AAA 18pt ⁴	Ratio: 10.19 Passed ⁶	Ratio: 3.83 AA 18pt ²	Ratio: 2.33 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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