

Converting Colors - WCAG Matrix

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

Hex(96EAE2) Hex(91FFF5) Hex(96C8EA) Hex(6A7574) Hex(00B5A4) Hex(003630)

	Hex(96EAE2)	Hex(91FFF5)	Hex(96C8EA)	Hex(6A7574)	Hex(00B5A4)	Hex(003630)
Hex(96EAE2)		Ratio: 1.18 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 9.66 Passed ⁶
Hex(91FFF5)	Ratio: 1.18 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 11.35 Passed ⁶
Hex(96C8EA)	Ratio: 1.29 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 2.66 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 7.48 Passed ⁶
Hex(6A7574)	Ratio: 3.44 AA 18pt ²	Ratio: 4.04 AA 18pt ²	Ratio: 2.66 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(00B5A4)	Ratio: 1.86 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 5.19 AA ¹ AAA 18pt ⁴
Hex(003630)	Ratio: 9.66 Passed ⁶	Ratio: 11.35 Passed ⁶	Ratio: 7.48 Passed ⁶	Ratio: 2.81 Failed ⁵	Ratio: 5.19 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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