

Converting Colors - WCAG Matrix

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

Hex(91ACA5) Hex(B6E0D5) Hex(91A6AC) Hex(4E5754) Hex(00966F) Hex(001711)

	Hex(91ACA5)	Hex(B6E0D5)	Hex(91A6AC)	Hex(4E5754)	Hex(00966F)	Hex(001711)
Hex(91ACA5)		Ratio: 1.69 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.55 Failed ⁵	Ratio: 7.65 Passed ⁶
Hex(B6E0D5)	Ratio: 1.69 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 2.61 Failed ⁵	Ratio: 12.92 Passed ⁶
Hex(91A6AC)	Ratio: 1.05 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 2.93 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 7.30 Passed ⁶
Hex(4E5754)	Ratio: 3.07 AA 18pt ²	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 2.93 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(00966F)	Ratio: 1.55 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.99 Failed ⁵		Ratio: 4.95 AA ¹ AAA 18pt ⁴
Hex(001711)	Ratio: 7.65 Passed ⁶	Ratio: 12.92 Passed ⁶	Ratio: 7.30 Passed ⁶	Ratio: 2.49 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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