

Converting Colors - WCAG Matrix

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

Hex(8DA6A9) Hex(AFD7DB) Hex(8D98A9) Hex(4C5354) Hex(008494) Hex(001214)

	Hex(8DA6A9)	Hex(AFD7DB)	Hex(8D98A9)	Hex(4C5354)	Hex(008494)	Hex(001214)
Hex(8DA6A9)		Ratio: 1.66 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.73 Failed ⁵	Ratio: 7.44 Passed ⁶
Hex(AFD7DB)	Ratio: 1.66 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 2.87 Failed ⁵	Ratio: 12.37 Passed ⁶
Hex(8D98A9)	Ratio: 1.13 Failed ⁵	Ratio: 1.88 Failed ⁵		Ratio: 2.69 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 6.56 AA ¹ AAA 18pt ⁴
Hex(4C5354)	Ratio: 3.05 AA 18pt ²	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 2.69 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(008494)	Ratio: 1.73 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 4.31 AA 18pt ²
Hex(001214)	Ratio: 7.44 Passed ⁶	Ratio: 12.37 Passed ⁶	Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 2.44 Failed ⁵	Ratio: 4.31 AA 18pt ²	

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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