

Converting Colors - WCAG Matrix

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

Hex(86AAAA) Hex(A6DEDE) Hex(8698AA) Hex(4C5454) Hex(009494) Hex(001414)

	Hex(86AAAA)	Hex(A6DEDE)	Hex(8698AA)	Hex(4C5454)	Hex(009494)	Hex(001414)
Hex(86AAAA)		Ratio: 1.69 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.47 Failed ⁵	Ratio: 7.52 Passed ⁶
Hex(A6DEDE)	Ratio: 1.69 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 2.49 Failed ⁵	Ratio: 12.72 Passed ⁶
Hex(8698AA)	Ratio: 1.18 Failed ⁵	Ratio: 1.99 Failed ⁵		Ratio: 2.62 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 6.38 AA ¹ AAA 18pt ⁴
Hex(4C5454)	Ratio: 3.09 AA 18pt ²	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 2.62 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(009494)	Ratio: 1.47 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 5.10 AA ¹ AAA 18pt ⁴
Hex(001414)	Ratio: 7.52 Passed ⁶	Ratio: 12.72 Passed ⁶	Ratio: 6.38 AA ¹ AAA 18pt ⁴	Ratio: 2.44 Failed ⁵	Ratio: 5.10 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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