

Converting Colors - WCAG Matrix

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

Hex(4ECEB3) Hex(40FFD7) Hex(4EAACE) Hex(5C6664) Hex(00A683) Hex(00261E)

	Hex(4ECEB3)	Hex(40FFD7)	Hex(4EAACE)	Hex(5C6664)	Hex(00A683)	Hex(00261E)
Hex(4ECEB3)		Ratio: 1.53 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.59 Failed ⁵	Ratio: 8.34 Passed ⁶
Hex(40FFD7)	Ratio: 1.53 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 2.43 Failed ⁵	Ratio: 12.73 Passed ⁶
Hex(4EAACE)	Ratio: 1.36 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 2.25 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(5C6664)	Ratio: 3.05 AA 18pt ²	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 2.25 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(00A683)	Ratio: 1.59 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 5.23 AA ¹ AAA 18pt ⁴
Hex(00261E)	Ratio: 8.34 Passed ⁶	Ratio: 12.73 Passed ⁶	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 2.73 Failed ⁵	Ratio: 5.23 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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