

Converting Colors - WCAG Matrix

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

Hex(5CBDA3) Hex(5DF5CC) Hex(5CA8BD) Hex(555E5C) Hex(009E74) Hex(001F16)

	Hex(5CBDA3)	Hex(5DF5CC)	Hex(5CA8BD)	Hex(555E5C)	Hex(009E74)	Hex(001F16)
Hex(5CBDA3)		Ratio: 1.66 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 7.67 Passed ⁶
Hex(5DF5CC)	Ratio: 1.66 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 2.51 Failed ⁵	Ratio: 12.75 Passed ⁶
Hex(5CA8BD)	Ratio: 1.19 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 2.48 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 6.45 AA ¹ AAA 18pt ⁴
Hex(555E5C)	Ratio: 2.95 Failed ⁵	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 2.48 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(009E74)	Ratio: 1.51 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.96 Failed ⁵		Ratio: 5.09 AA ¹ AAA 18pt ⁴
Hex(001F16)	Ratio: 7.67 Passed ⁶	Ratio: 12.75 Passed ⁶	Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 2.60 Failed ⁵	Ratio: 5.09 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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