

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(30AD5C) Hex(1FE061) Hex(30AD99) Hex(4F5752) Hex(009633) Hex(001708)

Hex(30AD5C)		Ratio: 1.64 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.34 Failed ⁵ Ratio: 6.45 AA ¹ AAA 18pt ⁴
Hex(1FE061)	Ratio: 1.64 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 4.22 AA 18pt ²	Ratio: 2.20 Failed ⁵ Ratio: 10.56 Passed ⁶
Hex(30AD99)	Ratio: 1.04 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 2.68 Failed ⁵	Ratio: 1.40 Failed ⁵ Ratio: 6.72 AA ¹ AAA 18pt ⁴
Hex(4F5752)	Ratio: 2.58 Failed ⁵	Ratio: 4.22 AA 18pt ²	Ratio: 2.68 Failed ⁵		Ratio: 1.92 Failed ⁵ Ratio: 2.50 Failed ⁵
Hex(009633)	Ratio: 1.34 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.92 Failed ⁵	
Hex(001708)	Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 10.56 Passed ⁶	Ratio: 6.72 AA ¹ AAA 18pt ⁴	Ratio: 2.50 Failed ⁵	Ratio: 4.80 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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