

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(30D286) Hex(14FF91) Hex(30CFD2) Hex(5E6964) Hex(00A859) Hex(002916)

	Hex(30D286)	Hex(14FF91)	Hex(30CFD2)	Hex(5E6964)	Hex(00A859)	Hex(002916)
Hex(30D286)		Ratio: 1.47 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 8.04 Passed ⁶
Hex(14FF91)	Ratio: 1.47 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 4.28 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 11.85 Passed ⁶
Hex(30CFD2)	Ratio: 1.03 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 2.98 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 8.26 Passed ⁶
Hex(5E6964)	Ratio: 2.90 Failed ⁵	Ratio: 4.28 AA 18pt ²	Ratio: 2.98 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(00A859)	Ratio: 1.58 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 5.08 AA ¹ AAA 18pt ⁴
Hex(002916)	Ratio: 8.04 Passed ⁶	Ratio: 11.85 Passed ⁶	Ratio: 8.26 Passed ⁶	Ratio: 2.77 Failed ⁵	Ratio: 5.08 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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