

Converting Colors - WCAG Matrix

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

Hex(22D167) Hex(00FF65) Hex(22D1BD) Hex(5E6962) Hex(00A842) Hex(002910)

	Hex(22D167)	Hex(00FF65)	Hex(22D1BD)	Hex(5E6962)	Hex(00A842)	Hex(002910)
Hex(22D167)		Ratio: 1.49 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 7.84 Passed ⁶
Hex(00FF65)	Ratio: 1.49 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 4.22 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 11.70 Passed ⁶
Hex(22D1BD)	Ratio: 1.05 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 2.97 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 8.25 Passed ⁶
Hex(5E6962)	Ratio: 2.83 Failed ⁵	Ratio: 4.22 AA 18pt ²	Ratio: 2.97 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(00A842)	Ratio: 1.55 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 5.04 AA ¹ AAA 18pt ⁴
Hex(002910)	Ratio: 7.84 Passed ⁶	Ratio: 11.70 Passed ⁶	Ratio: 8.25 Passed ⁶	Ratio: 2.77 Failed ⁵	Ratio: 5.04 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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