

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(2DFF98) Hex(03FF84) Hex(2DFFFF) Hex(738079) Hex(00BF62) Hex(004021)

Hex(2DFF98)		Ratio: 1.01 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 9.04 Passed ⁶
Hex(03FF84)	Ratio: 1.01 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.81 Failed ⁵	Ratio: 8.91 Passed ⁶
Hex(2DFFFF)	Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 3.31 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 9.60 Passed ⁶
Hex(738079)	Ratio: 3.12 AA 18pt ²	Ratio: 3.07 AA 18pt ²	Ratio: 3.31 AA 18pt ²		Ratio: 1.69 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(00BF62)	Ratio: 1.84 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 4.92 AA ¹ AAA 18pt ⁴
Hex(004021)	Ratio: 9.04 Passed ⁶	Ratio: 8.91 Passed ⁶	Ratio: 9.60 Passed ⁶	Ratio: 2.90 Failed ⁵	Ratio: 4.92 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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