

Converting Colors - WCAG Matrix

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

	Hex(00A23C)	Hex(D7FFFF)	Hex(00DB6F)	Hex(00F989)	Hex(00FFA4)	Hex(3DFFC0)	Hex(6CFFDC)	Hex(92FFF9)	Hex(B5FFFF)
Hex(00A23C)		Ratio: 3.15 AA 18pt ²	Ratio: 1.82 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(D7FFFF)	Ratio: 3.15 AA 18pt ²		Ratio: 1.73 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(00DB6F)	Ratio: 1.82 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(00F989)	Ratio: 2.39 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(00FFA4)	Ratio: 2.54 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(3DFFC0)	Ratio: 2.61 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(6CFFDC)	Ratio: 2.72 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(92FFF9)	Ratio: 2.87 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(B5FFFF)	Ratio: 3.00 AA 18pt ²	Ratio: 1.05 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵	

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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