

Converting Colors - WCAG Matrix

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

	Hex(009424)	Hex(E1FFFF)	Hex(00CC58)	Hex(00EA72)	Hex(24FF8C)	Hex(58FFA8)	Hex(7EFFC4)	Hex(A0FFE0)	Hex(C1FFFD)
Hex(009424)		Ratio: 3.79 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 3.23 AA 18pt ²	Ratio: 3.40 AA 18pt ²	Ratio: 3.61 AA 18pt ²
Hex(E1FFFF)	Ratio: 3.79 AA 18pt ²		Ratio: 2.04 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(00CC58)	Ratio: 1.86 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(00EA72)	Ratio: 2.47 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(24FF8C)	Ratio: 2.99 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(58FFA8)	Ratio: 3.10 AA 18pt ²	Ratio: 1.23 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(7EFFC4)	Ratio: 3.23 AA 18pt ²	Ratio: 1.17 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(A0FFE0)	Ratio: 3.40 AA 18pt ²	Ratio: 1.12 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(C1FFFD)	Ratio: 3.61 AA 18pt ²	Ratio: 1.05 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 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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