

Converting Colors - WCAG Matrix

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

	Hex(009760)	Hex(FFFFFF)	Hex(56CE93)	Hex(74EBAE)	Hex(91FFC9)	Hex(AEFFE5)	Hex(CCFFFF)	Hex(E9FFFF)
Hex(009760)		Ratio: 3.75 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 3.26 AA 18pt ²	Ratio: 3.45 AA 18pt ²	Ratio: 3.61 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.75 AA 18pt ²		Ratio: 1.97 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(56CE93)	Ratio: 1.90 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(74EBAE)	Ratio: 2.54 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(91FFC9)	Ratio: 3.10 AA 18pt ²	Ratio: 1.21 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(AEFFE5)	Ratio: 3.26 AA 18pt ²	Ratio: 1.15 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(CCFFFF)	Ratio: 3.45 AA 18pt ²	Ratio: 1.09 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(E9FFFF)	Ratio: 3.61 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.11 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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