

Converting Colors - WCAG Matrix

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

	Hex(0E9112)	Hex(3AAC31)	Hex(5AC84C)	Hex(78E566)	Hex(95FF81)	Hex(B2FF9C)	Hex(D0FFB8)	Hex(EFFFD4)	Hex(FFFFFF1)	Hex(FFFFFFF)
Hex(0E9112)		Ratio: 1.40 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 3.48 AA 18pt ²	Ratio: 3.68 AA 18pt ²	Ratio: 3.92 AA 18pt ²	Ratio: 4.10 AA 18pt ²	Ratio: 4.14 AA 18pt ²
Hex(3AAC31)	Ratio: 1.40 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(5AC84C)	Ratio: 1.93 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(78E566)	Ratio: 2.60 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(95FF81)	Ratio: 3.33 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(B2FF9C)	Ratio: 3.48 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(D0FFB8)	Ratio: 3.68 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(EFFFD4)	Ratio: 3.92 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(FFFFFF1)	Ratio: 4.10 AA 18pt ²	Ratio: 2.92 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFFFF)	Ratio: 4.14 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 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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