

Converting Colors - WCAG Matrix

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

	Hex(13A811)	Hex(FFFFFF)	Hex(63E050)	Hex(81FE6B)	Hex(A0FF86)	Hex(BEFFA2)	Hex(DCFFBE)	Hex(FAFFDB)	Hex(FFFFF8)
Hex(13A811)		Ratio: 3.16 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 3.15 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.16 AA 18pt ²		Ratio: 1.71 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(63E050)	Ratio: 1.85 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(81FE6B)	Ratio: 2.46 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(A0FF86)	Ratio: 2.58 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(BEFFA2)	Ratio: 2.71 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(DCFFBE)	Ratio: 2.88 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(FAFFDB)	Ratio: 3.07 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(FFFFF8)	Ratio: 3.15 AA 18pt ²	Ratio: 1.00 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.03 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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