

Converting Colors - WCAG Matrix

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

	Hex(3ECF89)	Hex(FFFFFF)	Hex(7FFFBF)	Hex(9DFFDB)	Hex(BBFFF7)	Hex(D9FFFF)	Hex(F8FFFF)
Hex(3ECF89)		Ratio: 2.00 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(FFFFFF)	Ratio: 2.00 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(7FFFBF)	Ratio: 1.62 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(9DFFDB)	Ratio: 1.69 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(BBFFF7)	Ratio: 1.79 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(D9FFFF)	Ratio: 1.88 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(F8FFFF)	Ratio: 1.98 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.17 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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