

Converting Colors - WCAG Matrix

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

	Hex(A3AA3D)	Hex(FFFFFF)	Hex(DCE172)	Hex(F9FE8D)	Hex(FFFA8)	Hex(FFFC4)	Hex(FFFE1)	Hex(FFFFE)
Hex(A3AA3D)		Ratio: 2.51 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(FFFFFF)	Ratio: 2.51 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(DCE172)	Ratio: 1.80 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(F9FE8D)	Ratio: 2.34 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(FFFA8)	Ratio: 2.40 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(FFFC4)	Ratio: 2.43 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFE1)	Ratio: 2.46 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFE)	Ratio: 2.51 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 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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