

Converting Colors - WCAG Matrix

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

	Hex(EAA842)	Hex(FFFFFF)	Hex(FFDF77)	Hex(FFFC92)	Hex(FFFFAE)	Hex(FFFFCA)	Hex(FFFFE7)
Hex(EAA842)		Ratio: 2.06 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(FFFFFF)	Ratio: 2.06 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(FFDF77)	Ratio: 1.58 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(FFFC92)	Ratio: 1.92 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(FFFFAE)	Ratio: 1.98 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFFCA)	Ratio: 2.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFE7)	Ratio: 2.03 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.03 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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