

Converting Colors - WCAG Matrix

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

	Hex(E1AF3F)	Hex(FFFFFF)	Hex(FFE675)	Hex(FFFF90)	Hex(FFFFAC)	Hex(FFFC8)	Hex(FFFE5)
Hex(E1AF3F)		Ratio: 2.02 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(FFFFFF)	Ratio: 2.02 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(FFE675)	Ratio: 1.62 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(FFFF90)	Ratio: 1.92 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(FFFFAC)	Ratio: 1.94 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFC8)	Ratio: 1.96 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFE5)	Ratio: 1.99 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.04 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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