

Converting Colors - WCAG Matrix

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

Hex(FFE76E) Hex(FFFFFF) Hex(FFFA5) Hex(FFFC1) Hex(FFFDE) Hex(FFFFB)

	Hex(FFE76E)	Hex(FFFFFF)	Hex(FFFA5)	Hex(FFFC1)	Hex(FFFDE)	Hex(FFFFB)
Hex(FFE76E)		Ratio: 1.24 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(FFFFFF)	Ratio: 1.24 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(FFFA5)	Ratio: 1.19 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(FFFC1)	Ratio: 1.20 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFDE)	Ratio: 1.22 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFB)	Ratio: 1.24 Failed ⁵	Ratio: 1.00 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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