

Converting Colors - WCAG Matrix

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

Hex(BBAE77) Hex(FFFFFF) Hex(F4E6AB) Hex(FFFC7) Hex(FFFE3)

	Hex(BBAE77)	Hex(FFFFFF)	Hex(F4E6AB)	Hex(FFFC7)	Hex(FFFE3)
Hex(BBAE77)		Ratio: 2.23 Failed⁵	Ratio: 1.78 Failed⁵	Ratio: 2.16 Failed⁵	Ratio: 2.19 Failed⁵
Hex(FFFFFF)	Ratio: 2.23 Failed⁵		Ratio: 1.25 Failed⁵	Ratio: 1.03 Failed⁵	Ratio: 1.02 Failed⁵
Hex(F4E6AB)	Ratio: 1.78 Failed⁵	Ratio: 1.25 Failed⁵		Ratio: 1.22 Failed⁵	Ratio: 1.23 Failed⁵
Hex(FFFC7)	Ratio: 2.16 Failed⁵	Ratio: 1.03 Failed⁵	Ratio: 1.22 Failed⁵		Ratio: 1.01 Failed⁵
Hex(FFFE3)	Ratio: 2.19 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.23 Failed⁵	Ratio: 1.01 Failed⁵	

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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