

Converting Colors - WCAG Matrix

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

Hex(BEA246) Hex(FFFFFF) Hex(F9D97A) Hex(FFF595) Hex(FFFFB0) Hex(FFFFCC) Hex(FFFFE9)

	Hex(BEA246)	Hex(FFFFFF)	Hex(F9D97A)	Hex(FFF595)	Hex(FFFFB0)	Hex(FFFFCC)	Hex(FFFFE9)
Hex(BEA246)		Ratio: 2.49 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(FFFFFF)	Ratio: 2.49 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(F9D97A)	Ratio: 1.80 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(FFF595)	Ratio: 2.22 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(FFFFB0)	Ratio: 2.39 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFFCC)	Ratio: 2.42 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFE9)	Ratio: 2.45 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.11 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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