

Converting Colors - WCAG Matrix

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

	Hex(BBE344)	Hex(FFFFFF)	Hex(F6FF7D)	Hex(FFFF99)	Hex(FFFFB6)	Hex(FFFFD3)	Hex(FFFFF0)
Hex(BBE344)		Ratio: 1.48 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(FFFFFF)	Ratio: 1.48 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(F6FF7D)	Ratio: 1.38 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(FFFF99)	Ratio: 1.41 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(FFFFB6)	Ratio: 1.43 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFFD3)	Ratio: 1.45 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFF0)	Ratio: 1.47 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.07 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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