

Converting Colors - WCAG Matrix

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

	Hex(A6BD75)	Hex(C1D98F)	Hex(DEF5AA)	Hex(FBFFC5)	Hex(FFFFE2)	Hex(FFFFFFE)	Hex(FFFFFFF)
Hex(A6BD75)		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(C1D98F)	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(DEF5AA)	Ratio: 1.75 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(FBFFC5)	Ratio: 1.99 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(FFFFE2)	Ratio: 2.03 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(FFFFFFE)	Ratio: 2.07 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(FFFFFFF)	Ratio: 2.07 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.00 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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