

Converting Colors - WCAG Matrix

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

	Hex(B1AFB8)	Hex(BFC1B8)	Hex(CED4B8)	Hex(DCE6B8)	Hex(EAF9B8)	Hex(F9FFB8)	Hex(FFFFB8)
Hex(B1AFB8)		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(BFC1B8)	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(CED4B8)	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(DCE6B8)	Ratio: 1.66 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(EAF9B8)	Ratio: 1.93 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(F9FFB8)	Ratio: 2.07 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFB8)	Ratio: 2.09 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.08 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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