

Converting Colors - WCAG Matrix

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

	Hex(9B9EB8)	Hex(ADAEB8)	Hex(C0BFB8)	Hex(D2CFB8)	Hex(E5E0B8)	Hex(F7F0B8)	Hex(FFFFB8)
Hex(9B9EB8)		Ratio: 1.19 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(ADAEB8)	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(C0BFB8)	Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(D2CFB8)	Ratio: 1.67 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(E5E0B8)	Ratio: 1.97 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(F7F0B8)	Ratio: 2.27 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(FFFFB8)	Ratio: 2.54 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.12 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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