

Converting Colors - WCAG Matrix

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

	Hex(9999BA)	Hex(ACACBA)	Hex(BEBEBA)	Hex(D1D1BA)	Hex(E3E3BA)	Hex(F6F6BA)	Hex(FFFFBA)
Hex(9999BA)		Ratio: 1.23 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(ACACBA)	Ratio: 1.23 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(BEBEBA)	Ratio: 1.48 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(D1D1BA)	Ratio: 1.78 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(E3E3BA)	Ratio: 2.09 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(F6F6BA)	Ratio: 2.47 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(FFFFBA)	Ratio: 2.66 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.08 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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