

Converting Colors - WCAG Matrix

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

	Hex(A68C54)	Hex(FFFFFF)	Hex(DEC287)	Hex(FCDEA1)	Hex(FFFABD)	Hex(FFFFD9)	Hex(FFFFF5)
Hex(A68C54)		Ratio: 3.23 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 3.16 AA 18pt ²	Ratio: 3.21 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.23 AA 18pt ²		Ratio: 1.73 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(DEC287)	Ratio: 1.87 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(FCDEA1)	Ratio: 2.48 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(FFFABD)	Ratio: 3.02 AA 18pt ²	Ratio: 1.07 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(FFFFD9)	Ratio: 3.16 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFF5)	Ratio: 3.21 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.06 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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