

Converting Colors - WCAG Matrix

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

	Hex(8A8450)	Hex(FFFFFF)	Hex(C0B982)	Hex(DDD59C)	Hex(FAF1B7)	Hex(FFFFD3)	Hex(FFFFF0)
Hex(8A8450)		Ratio: 3.82 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 3.73 AA 18pt ²	Ratio: 3.79 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.82 AA 18pt ²		Ratio: 2.00 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(C0B982)	Ratio: 1.91 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(DDD59C)	Ratio: 2.56 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(FAF1B7)	Ratio: 3.33 AA 18pt ²	Ratio: 1.15 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(FFFFD3)	Ratio: 3.73 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFF0)	Ratio: 3.79 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.14 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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