

Converting Colors - WCAG Matrix

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

	Hex(706642)	Hex(FFFFFF)	Hex(A69973)	Hex(BFB58C)	Hex(DBCFA6)	Hex(FAEBC2)	Hex(FFFFDE)	Hex(FFFFFFA)
Hex(706642)		Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 2.02 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 5.71 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.72 AA ¹ AAA 18pt ⁴		Ratio: 2.83 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(A69973)	Ratio: 2.02 Failed ⁵	Ratio: 2.83 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(BFB58C)	Ratio: 2.78 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(DBCFA6)	Ratio: 3.68 AA 18pt ²	Ratio: 1.56 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(FAEBC2)	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(FFFFDE)	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFFFA)	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.18 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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