

Converting Colors - WCAG Matrix

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

	Hex(6D4831)	Hex(FFFFFF)	Hex(A37960)	Hex(BE9278)	Hex(DBAD92)	Hex(F8C8AD)	Hex(FFE5C8)	Hex(FFFE4)
Hex(6D4831)		Ratio: 8.01 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 6.60 AA ¹ AAA 18pt ⁴	Ratio: 7.89 Passed ⁶
Hex(FFFFFF)	Ratio: 8.01 Passed ⁶		Ratio: 3.85 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(A37960)	Ratio: 2.08 Failed ⁵	Ratio: 3.85 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 3.79 AA 18pt ²
Hex(BE9278)	Ratio: 2.89 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(DBAD92)	Ratio: 3.97 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(F8C8AD)	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 1.52 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(FFE5C8)	Ratio: 6.60 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFFE4)	Ratio: 7.89 Passed ⁶	Ratio: 1.02 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.20 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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