

Converting Colors - WCAG Matrix

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

Hex(D8A977) Hex(FFBC75) Hex(D8D877) Hex(6B6660) Hex(AB5800) Hex(2B1600)

	Hex(D8A977)	Hex(FFBC75)	Hex(D8D877)	Hex(6B6660)	Hex(AB5800)	Hex(2B1600)
Hex(D8A977)		Ratio: 1.29 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 8.10 Passed ⁶
Hex(FFBC75)	Ratio: 1.29 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 10.43 Passed ⁶
Hex(D8D877)	Ratio: 1.42 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 3.79 AA 18pt ²	Ratio: 3.39 AA 18pt ²	Ratio: 11.51 Passed ⁶
Hex(6B6660)	Ratio: 2.67 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 3.79 AA 18pt ²		Ratio: 1.12 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(AB5800)	Ratio: 2.39 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 3.39 AA 18pt ²	Ratio: 1.12 Failed ⁵		Ratio: 3.39 AA 18pt ²
Hex(2B1600)	Ratio: 8.10 Passed ⁶	Ratio: 10.43 Passed ⁶	Ratio: 11.51 Passed ⁶	Ratio: 3.03 AA 18pt ²	Ratio: 3.39 AA 18pt ²	

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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