

Converting Colors - WCAG Matrix

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

Hex(CBB597) Hex(FFDEB0) Hex(C8CB97) Hex(66625C) Hex(A66000) Hex(261600)

	Hex(CBB597)	Hex(FFDEB0)	Hex(C8CB97)	Hex(66625C)	Hex(A66000)	Hex(261600)
Hex(CBB597)		Ratio: 1.54 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 8.85 Passed ⁶
Hex(FFDEB0)	Ratio: 1.54 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 3.80 AA 18pt ²	Ratio: 13.64 Passed ⁶
Hex(C8CB97)	Ratio: 1.17 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 3.59 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 10.40 Passed ⁶
Hex(66625C)	Ratio: 3.06 AA 18pt ²	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 3.59 AA 18pt ²		Ratio: 1.24 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(A66000)	Ratio: 2.47 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 3.59 AA 18pt ²
Hex(261600)	Ratio: 8.85 Passed ⁶	Ratio: 13.64 Passed ⁶	Ratio: 10.40 Passed ⁶	Ratio: 2.90 Failed ⁵	Ratio: 3.59 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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