

Converting Colors - WCAG Matrix

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

Hex(C6887D) Hex(FFA08F) Hex(C6AC7D) Hex(635B5A) Hex(A31900) Hex(240500)

	Hex(C6887D)	Hex(FFA08F)	Hex(C6AC7D)	Hex(635B5A)	Hex(A31900)	Hex(240500)
Hex(C6887D)		Ratio: 1.48 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 6.58 AA ¹ AAA 18pt ⁴
Hex(FFA08F)	Ratio: 1.48 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 9.73 Passed ⁶
Hex(C6AC7D)	Ratio: 1.33 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 3.02 AA 18pt ²	Ratio: 3.56 AA 18pt ²	Ratio: 8.75 Passed ⁶
Hex(635B5A)	Ratio: 2.27 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 3.02 AA 18pt ²		Ratio: 1.18 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(A31900)	Ratio: 2.68 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 3.56 AA 18pt ²	Ratio: 1.18 Failed ⁵		Ratio: 2.46 Failed ⁵
Hex(240500)	Ratio: 6.58 AA ¹ AAA 18pt ⁴	Ratio: 9.73 Passed ⁶	Ratio: 8.75 Passed ⁶	Ratio: 2.89 Failed ⁵	Ratio: 2.46 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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