

Converting Colors - WCAG Matrix

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

	Hex(CCC2AD)	Hex(B0A694)	Hex(968C78)	Hex(7D7361)	Hex(635947)	Hex(4A4233)	Hex(332E1C)	Hex(1F1705)	Hex(000000)
Hex(CCC2AD)		Ratio: 1.36 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 7.68 Passed ⁶	Ratio: 10.05 Passed ⁶	Ratio: 11.89 Passed ⁶
Hex(B0A694)	Ratio: 1.36 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 7.38 Passed ⁶	Ratio: 8.73 Passed ⁶
Hex(968C78)	Ratio: 1.88 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 6.32 AA ¹ AAA 18pt ⁴
Hex(7D7361)	Ratio: 2.64 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 4.50 AA ¹ AAA 18pt ⁴
Hex(635947)	Ratio: 3.90 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(4A4233)	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 4.12 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(332E1C)	Ratio: 7.68 Passed ⁶	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 4.08 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(1F1705)	Ratio: 10.05 Passed ⁶	Ratio: 7.38 Passed ⁶	Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 3.80 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.18 Failed ⁵
Hex(000000)	Ratio: 11.89 Passed ⁶	Ratio: 8.73 Passed ⁶	Ratio: 6.32 AA ¹ AAA 18pt ⁴	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 3.05 AA 18pt ²	Ratio: 2.12 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.18 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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