

Converting Colors - WCAG Matrix

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

	Hex(1F1005)	Hex(FFEFE6)	Hex(4A3A33)	Hex(625149)	Hex(7B6961)	Hex(95827A)	Hex(B09C94)	Hex(CCB7AE)	Hex(E8D3CA)
Hex(1F1005)		Ratio: 16.52 Passed ⁶	Ratio: 1.71 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 7.08 Passed ⁶	Ratio: 9.65 Passed ⁶	Ratio: 12.87 Passed ⁶
Hex(FFEFE6)	Ratio: 16.52 Passed ⁶		Ratio: 9.64 Passed ⁶	Ratio: 6.71 AA ¹ AAA 18pt ⁴	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 3.26 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(4A3A33)	Ratio: 1.71 Failed ⁵	Ratio: 9.64 Passed ⁶		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 7.51 Passed ⁶
Hex(625149)	Ratio: 2.46 Failed ⁵	Ratio: 6.71 AA ¹ AAA 18pt ⁴	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 5.23 AA ¹ AAA 18pt ⁴
Hex(7B6961)	Ratio: 3.56 AA 18pt ²	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 2.08 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.62 AA 18pt ²
Hex(95827A)	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 3.26 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(B09C94)	Ratio: 7.08 Passed ⁶	Ratio: 2.33 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(CCB7AE)	Ratio: 9.65 Passed ⁶	Ratio: 1.71 Failed ⁵	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 3.92 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵
Hex(E8D3CA)	Ratio: 12.87 Passed ⁶	Ratio: 1.28 Failed ⁵	Ratio: 7.51 Passed ⁶	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 3.62 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.33 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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