

Converting Colors - WCAG Matrix

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

	Hex(210000)	Hex(FFDAE3)	Hex(4B2830)	Hex(643F47)	Hex(7D565E)	Hex(976F77)	Hex(B38891)	Hex(CEA3AB)	Hex(EBBEC7)
Hex(210000)		Ratio: 15.40 Passed ⁶	Ratio: 1.55 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 8.88 Passed ⁶	Ratio: 11.95 Passed ⁶
Hex(FFDAE3)	Ratio: 15.40 Passed ⁶		Ratio: 9.96 Passed ⁶	Ratio: 6.99 AA ¹ AAA 18pt ⁴	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 3.38 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(4B2830)	Ratio: 1.55 Failed ⁵	Ratio: 9.96 Passed ⁶		Ratio: 1.42 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 7.73 Passed ⁶
Hex(643F47)	Ratio: 2.20 Failed ⁵	Ratio: 6.99 AA ¹ AAA 18pt ⁴	Ratio: 1.42 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 5.43 AA ¹ AAA 18pt ⁴
Hex(7D565E)	Ratio: 3.16 AA 18pt ²	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 2.04 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.78 AA 18pt ²
Hex(976F77)	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 3.38 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(B38891)	Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 2.39 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 2.92 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(CEA3AB)	Ratio: 8.88 Passed ⁶	Ratio: 1.73 Failed ⁵	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 4.03 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.35 Failed ⁵
Hex(EBBEC7)	Ratio: 11.95 Passed ⁶	Ratio: 1.29 Failed ⁵	Ratio: 7.73 Passed ⁶	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 3.78 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.35 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.

This PDF was generated on convertingcolors.com.