

Converting Colors - WCAG Matrix

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

	Hex(635252)	Hex(7C6A6A)	Hex(968383)	Hex(B19D9D)	Hex(CCB8B8)	Hex(E8D4D4)	Hex(FFF0F0)	Hex(FFFFFF)
Hex(635252)		Ratio: 1.44 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 6.64 AA ¹ AAA 18pt ⁴	Ratio: 7.34 Passed ⁶
Hex(7C6A6A)	Ratio: 1.44 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 5.09 AA ¹ AAA 18pt ⁴
Hex(968383)	Ratio: 2.05 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 3.58 AA 18pt ²
Hex(B19D9D)	Ratio: 2.86 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(CCB8B8)	Ratio: 3.89 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(E8D4D4)	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 3.59 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(FFF0F0)	Ratio: 6.64 AA ¹ AAA 18pt ⁴	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 3.23 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(FFFFFF)	Ratio: 7.34 Passed ⁶	Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 3.58 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.11 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.