

Converting Colors - WCAG Matrix

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

	Hex(636363)	Hex(7C7C7C)	Hex(969696)	Hex(B0B0B0)	Hex(CCCCCC)	Hex(E8E8E8)	Hex(FFFFFF)
Hex(636363)		Ratio: 1.44 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 6.01 AA ¹ AAA 18pt ⁴
Hex(7C7C7C)	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 4.17 AA 18pt ²
Hex(969696)	Ratio: 2.03 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(B0B0B0)	Ratio: 2.77 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(CCCCCC)	Ratio: 3.74 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(E8E8E8)	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 3.41 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.23 Failed ⁵
Hex(FFFFFF)	Ratio: 6.01 AA ¹ AAA 18pt ⁴	Ratio: 4.17 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.23 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.