

Converting Colors - WCAG Matrix

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

	Hex(040405)	Hex(E5E5E6)	Hex(333333)	Hex(49494A)	Hex(616162)	Hex(7A7A7A)	Hex(939394)	Hex(AEAEAF)	Hex(C9C9CA)
Hex(040405)		Ratio: 16.28 Passed ⁶	Ratio: 1.62 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 6.68 AA ¹ AAA 18pt ⁴	Ratio: 9.24 Passed ⁶	Ratio: 12.38 Passed ⁶
Hex(E5E5E6)	Ratio: 16.28 Passed ⁶		Ratio: 10.04 Passed ⁶	Ratio: 7.14 Passed ⁶	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 3.41 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(333333)	Ratio: 1.62 Failed ⁵	Ratio: 10.04 Passed ⁶		Ratio: 1.41 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.12 AA 18pt ² AAA 18pt ⁴	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 7.64 Passed ⁶
Hex(49494A)	Ratio: 2.28 Failed ⁵	Ratio: 7.14 Passed ⁶	Ratio: 1.41 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.06 AA 18pt ² AAA 18pt ⁴	Ratio: 5.43 AA ¹ AAA 18pt ⁴
Hex(616162)	Ratio: 3.31 AA 18pt ²	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 2.04 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.74 AA 18pt ²
Hex(7A7A7A)	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 3.41 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(939394)	Ratio: 6.68 AA ¹ AAA 18pt ⁴	Ratio: 2.44 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(AEAEAF)	Ratio: 9.24 Passed ⁶	Ratio: 1.76 Failed ⁵	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 4.06 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵
Hex(C9C9CA)	Ratio: 12.38 Passed ⁶	Ratio: 1.31 Failed ⁵	Ratio: 7.64 Passed ⁶	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 3.74 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.34 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.