

Converting Colors - WCAG Matrix

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

	Hex(0E5757)	Hex(FFFFFF)	Hex(498989)	Hex(64A4A3)	Hex(7EBFBE)	Hex(9ADBDA)	Hex(B5F7F6)	Hex(D2FFFF)	Hex(EFFFFF)
Hex(0E5757)		Ratio: 8.33 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 6.99 AA ¹ AAA 18pt ⁴	Ratio: 7.73 Passed ⁶	Ratio: 8.10 Passed ⁶
Hex(FFFFFF)	Ratio: 8.33 Passed ⁶		Ratio: 4.02 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(498989)	Ratio: 2.07 Failed ⁵	Ratio: 4.02 AA 18pt ²		Ratio: 1.41 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 3.73 AA 18pt ²	Ratio: 3.91 AA 18pt ²
Hex(64A4A3)	Ratio: 2.93 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(7EBFBE)	Ratio: 4.00 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(9ADBDA)	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 1.55 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(B5F7F6)	Ratio: 6.99 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(D2FFFF)	Ratio: 7.73 Passed ⁶	Ratio: 1.08 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(EFFFFF)	Ratio: 8.10 Passed ⁶	Ratio: 1.03 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.05 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.