

Converting Colors - WCAG Matrix

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

	Hex(0A2626)	Hex(E5FFFF)	Hex(375352)	Hex(4F6B6A)	Hex(678484)	Hex(819E9E)	Hex(9BB9B9)	Hex(B6D5D4)	Hex(D2F1F0)
Hex(0A2626)		Ratio: 15.23 Passed ⁶	Ratio: 1.91 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 7.61 Passed ⁶	Ratio: 10.21 Passed ⁶	Ratio: 13.34 Passed ⁶
Hex(E5FFFF)	Ratio: 15.23 Passed ⁶		Ratio: 7.96 Passed ⁶	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 3.85 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(375352)	Ratio: 1.91 Failed ⁵	Ratio: 7.96 Passed ⁶		Ratio: 1.44 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.98 AA 18pt ² AAA 18pt ⁴	Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 6.97 AA ¹ AAA 18pt ⁴
Hex(4F6B6A)	Ratio: 2.76 Failed ⁵	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 1.44 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(678484)	Ratio: 3.95 AA 18pt ²	Ratio: 3.85 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(819E9E)	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 2.74 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(9BB9B9)	Ratio: 7.61 Passed ⁶	Ratio: 2.00 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(B6D5D4)	Ratio: 10.21 Passed ⁶	Ratio: 1.49 Failed ⁵	Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 3.69 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵
Hex(D2F1F0)	Ratio: 13.34 Passed ⁶	Ratio: 1.14 Failed ⁵	Ratio: 6.97 AA ¹ AAA 18pt ⁴	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 3.37 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 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.