

Converting Colors - WCAG Matrix

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

	Hex(0C0510)	Hex(ECE7F0)	Hex(38333B)	Hex(4E4A52)	Hex(66626A)	Hex(7F7B83)	Hex(99949D)	Hex(B4AFB8)	Hex(D0CAD3)
Hex(0C0510)		Ratio: 16.52 Passed ⁶	Ratio: 1.63 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 6.77 AA ¹ AAA 18pt ⁴	Ratio: 9.35 Passed ⁶	Ratio: 12.51 Passed ⁶
Hex(ECE7F0)	Ratio: 16.52 Passed ⁶		Ratio: 10.12 Passed ⁶	Ratio: 7.11 Passed ⁶	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 3.41 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(38333B)	Ratio: 1.63 Failed ⁵	Ratio: 10.12 Passed ⁶		Ratio: 1.42 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 7.67 Passed ⁶
Hex(4E4A52)	Ratio: 2.32 Failed ⁵	Ratio: 7.11 Passed ⁶	Ratio: 1.42 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 5.39 AA ¹ AAA 18pt ⁴
Hex(66626A)	Ratio: 3.37 AA 18pt ²	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 2.06 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.71 AA 18pt ²
Hex(7F7B83)	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 3.41 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(99949D)	Ratio: 6.77 AA ¹ AAA 18pt ⁴	Ratio: 2.44 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 2.92 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(B4AFB8)	Ratio: 9.35 Passed ⁶	Ratio: 1.77 Failed ⁵	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 4.03 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵
Hex(D0CAD3)	Ratio: 12.51 Passed ⁶	Ratio: 1.32 Failed ⁵	Ratio: 7.67 Passed ⁶	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 3.71 AA 18pt ²	Ratio: 2.58 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.