

Converting Colors - WCAG Matrix

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

	Hex(B0ABB9)	Hex(95919E)	Hex(7C7784)	Hex(635E6B)	Hex(4B4753)	Hex(34303C)	Hex(1F1B26)	Hex(070011)	Hex(000000)
Hex(B0ABB9)		Ratio: 1.37 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 7.54 Passed ⁶	Ratio: 9.21 Passed ⁶	Ratio: 9.37 Passed ⁶
Hex(95919E)	Ratio: 1.37 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.17 AA 18pt ²	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 6.71 AA ¹ AAA 18pt ⁴	Ratio: 6.82 AA ¹ AAA 18pt ⁴
Hex(7C7784)	Ratio: 1.94 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(635E6B)	Ratio: 2.80 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 3.34 AA 18pt ²
Hex(4B4753)	Ratio: 4.03 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(34303C)	Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 4.17 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(1F1B26)	Ratio: 7.54 Passed ⁶	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 3.88 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(070011)	Ratio: 9.21 Passed ⁶	Ratio: 6.71 AA ¹ AAA 18pt ⁴	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 3.29 AA 18pt ²	Ratio: 2.29 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 9.37 Passed ⁶	Ratio: 6.82 AA ¹ AAA 18pt ⁴	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 3.34 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.02 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.