

Converting Colors - WCAG Matrix

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

	Hex(7FBEBE)	Hex(64A3A3)	Hex(4A8889)	Hex(2F6F6F)	Hex(105657)	Hex(003F40)	Hex(00282A)	Hex(001316)	Hex(000000)
Hex(7FBEBE)		Ratio: 1.37 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 7.49 Passed ⁶	Ratio: 9.06 Passed ⁶	Ratio: 10.01 Passed ⁶
Hex(64A3A3)	Ratio: 1.37 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 6.62 AA ¹ AAA 18pt ⁴	Ratio: 7.31 Passed ⁶
Hex(4A8889)	Ratio: 1.93 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 5.17 AA ¹ AAA 18pt ⁴
Hex(2F6F6F)	Ratio: 2.76 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 3.62 AA 18pt ²
Hex(105657)	Ratio: 4.02 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(003F40)	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 4.10 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(00282A)	Ratio: 7.49 Passed ⁶	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 3.87 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(001316)	Ratio: 9.06 Passed ⁶	Ratio: 6.62 AA ¹ AAA 18pt ⁴	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 3.28 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(000000)	Ratio: 10.01 Passed ⁶	Ratio: 7.31 Passed ⁶	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 3.62 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.10 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.