

Converting Colors - WCAG Matrix

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

	Hex(5CA3B0)	Hex(408A94)	Hex(21707A)	Hex(005763)	Hex(00404A)	Hex(002933)	Hex(00141F)	Hex(000005)	Hex(000000)
Hex(5CA3B0)		Ratio: 1.39 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 6.54 AA ¹ AAA 18pt ⁴	Ratio: 7.30 Passed ⁶	Ratio: 7.32 Passed ⁶
Hex(408A94)	Ratio: 1.39 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 5.28 AA ¹ AAA 18pt ⁴
Hex(21707A)	Ratio: 2.00 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 3.66 AA 18pt ²	Ratio: 3.66 AA 18pt ²
Hex(005763)	Ratio: 2.88 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(00404A)	Ratio: 4.00 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(002933)	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 3.87 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(00141F)	Ratio: 6.54 AA ¹ AAA 18pt ⁴	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 3.27 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(000005)	Ratio: 7.30 Passed ⁶	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 3.66 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(000000)	Ratio: 7.32 Passed ⁶	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 3.66 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.00 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.