

Converting Colors - WCAG Matrix

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

	Hex(006565)	Hex(D6FFFF)	Hex(009998)	Hex(00B4B3)	Hex(2BD0CE)	Hex(56EDEA)	Hex(78FFFF)	Hex(98FFFF)	Hex(B7FFFF)
Hex(006565)		Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 1.97 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 5.75 AA ¹ AAA 18pt ⁴	Ratio: 5.93 AA ¹ AAA 18pt ⁴	Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(D6FFFF)	Ratio: 6.43 AA ¹ AAA 18pt ⁴		Ratio: 3.26 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(009998)	Ratio: 1.97 Failed ⁵	Ratio: 3.26 AA 18pt ²		Ratio: 1.36 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 3.12 AA 18pt ²
Hex(00B4B3)	Ratio: 2.68 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(2BD0CE)	Ratio: 3.61 AA 18pt ²	Ratio: 1.78 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(56EDEA)	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 1.33 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(78FFFF)	Ratio: 5.75 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(98FFFF)	Ratio: 5.93 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(B7FFFF)	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 2.29 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.04 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.