

Converting Colors - WCAG Matrix

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

Hex(63FFFF) Hex(D1FFFF) Hex(63FF63) Hex(638080) Hex(000000) Hex(808080)

	Hex(63FFFF)	Hex(D1FFFF)	Hex(63FF63)	Hex(638080)	Hex(000000)	Hex(808080)
Hex(63FFFF)		Ratio: 1.13 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 17.28 Passed ⁶	Ratio: 3.25 AA 18pt ²
Hex(D1FFFF)	Ratio: 1.13 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 19.46 Passed ⁶	Ratio: 3.66 AA 18pt ²
Hex(63FF63)	Ratio: 1.08 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 3.25 AA 18pt ²	Ratio: 16.01 Passed ⁶	Ratio: 3.01 AA 18pt ²
Hex(638080)	Ratio: 3.50 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 3.25 AA 18pt ²		Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(000000)	Ratio: 17.28 Passed ⁶	Ratio: 19.46 Passed ⁶	Ratio: 16.01 Passed ⁶	Ratio: 4.93 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.25 AA 18pt ²	Ratio: 3.66 AA 18pt ²	Ratio: 3.01 AA 18pt ²	Ratio: 1.08 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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.