

Converting Colors - WCAG Matrix

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

Hex(53D7D6) Hex(D1FFFF) Hex(55D753) Hex(63807F) Hex(000000) Hex(808080)

	Hex(53D7D6)	Hex(D1FFFF)	Hex(55D753)	Hex(63807F)	Hex(000000)	Hex(808080)
Hex(53D7D6)		Ratio: 1.61 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 12.06 Passed ⁶	Ratio: 2.27 Failed ⁵
Hex(D1FFFF)	Ratio: 1.61 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 19.46 Passed ⁶	Ratio: 3.66 AA 18pt ²
Hex(55D753)	Ratio: 1.07 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 2.28 Failed ⁵	Ratio: 11.23 Passed ⁶	Ratio: 2.11 Failed ⁵
Hex(63807F)	Ratio: 2.45 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 2.28 Failed ⁵		Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(000000)	Ratio: 12.06 Passed ⁶	Ratio: 19.46 Passed ⁶	Ratio: 11.23 Passed ⁶	Ratio: 4.92 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.27 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 2.11 Failed ⁵	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.

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