

Converting Colors - WCAG Matrix

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

Hex(61D6CE) Hex(D6FFFC) Hex(6BD661) Hex(67807E) Hex(000000) Hex(808080)

	Hex(61D6CE)	Hex(D6FFFC)	Hex(6BD661)	Hex(67807E)	Hex(000000)	Hex(808080)
Hex(61D6CE)		Ratio: 1.63 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 12.02 Passed ⁶	Ratio: 2.26 Failed ⁵
Hex(D6FFFC)	Ratio: 1.63 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 19.57 Passed ⁶	Ratio: 3.68 AA 18pt ²
Hex(6BD661)	Ratio: 1.05 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 2.30 Failed ⁵	Ratio: 11.42 Passed ⁶	Ratio: 2.15 Failed ⁵
Hex(67807E)	Ratio: 2.42 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.30 Failed ⁵		Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 12.02 Passed ⁶	Ratio: 19.57 Passed ⁶	Ratio: 11.42 Passed ⁶	Ratio: 4.97 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.26 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 1.07 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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