

Converting Colors - WCAG Matrix

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

Hex(40B6CD) Hex(C9F6FF) Hex(40CD55) Hex(607A80) Hex(000000) Hex(808080)

	Hex(40B6CD)	Hex(C9F6FF)	Hex(40CD55)	Hex(607A80)	Hex(000000)	Hex(808080)
Hex(40B6CD)		Ratio: 2.06 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 8.79 Passed ⁶	Ratio: 1.65 Failed ⁵
Hex(C9F6FF)	Ratio: 2.06 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 18.11 Passed ⁶	Ratio: 3.41 AA 18pt ²
Hex(40CD55)	Ratio: 1.15 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 2.20 Failed ⁵	Ratio: 10.08 Passed ⁶	Ratio: 1.90 Failed ⁵
Hex(607A80)	Ratio: 1.91 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.20 Failed ⁵		Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(000000)	Ratio: 8.79 Passed ⁶	Ratio: 18.11 Passed ⁶	Ratio: 10.08 Passed ⁶	Ratio: 4.59 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.65 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 1.16 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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