

Converting Colors - WCAG Matrix

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

Hex(4FB3C7) Hex(D1F7FF) Hex(4FC761) Hex(637B80) Hex(000000) Hex(808080)

	Hex(4FB3C7)	Hex(D1F7FF)	Hex(4FC761)	Hex(637B80)	Hex(000000)	Hex(808080)
Hex(4FB3C7)		Ratio: 2.15 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 8.61 Passed ⁶	Ratio: 1.62 Failed ⁵
Hex(D1F7FF)	Ratio: 2.15 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 18.46 Passed ⁶	Ratio: 3.47 AA 18pt ²
Hex(4FC761)	Ratio: 1.12 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 9.67 Passed ⁶	Ratio: 1.82 Failed ⁵
Hex(637B80)	Ratio: 1.84 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 2.07 Failed ⁵		Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(000000)	Ratio: 8.61 Passed ⁶	Ratio: 18.46 Passed ⁶	Ratio: 9.67 Passed ⁶	Ratio: 4.68 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.62 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 1.82 Failed ⁵	Ratio: 1.14 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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