

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(7CD8DC) Hex(DEFDFE) Hex(7CDC7F) Hex(6B7E80) Hex(000000) Hex(808080)

Hex(7CD8DC)		Ratio: 1.54 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 12.71 Passed ⁶
Hex(DEFDFE)	Ratio: 1.54 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 19.60 Passed ⁶
Hex(7CDC7F)	Ratio: 1.03 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 2.52 Failed ⁵	Ratio: 12.40 Passed ⁶
Hex(6B7E80)	Ratio: 2.58 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 2.52 Failed ⁵		Ratio: 4.92 AA ¹ AAA 18pt ⁴
Hex(000000)	Ratio: 12.71 Passed ⁶	Ratio: 19.60 Passed ⁶	Ratio: 12.40 Passed ⁶	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.39 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 2.33 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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