

Converting Colors - WCAG Matrix

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

Hex(2DB5CE) Hex(C4F6FF) Hex(2DCE45) Hex(5C7A80) Hex(FFFFFF) Hex(808080)

	Hex(2DB5CE)	Hex(C4F6FF)	Hex(2DCE45)	Hex(5C7A80)	Hex(FFFFFF)	Hex(808080)
Hex(2DB5CE)		Ratio: 2.09 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(C4F6FF)	Ratio: 2.09 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.17 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(2DCE45)	Ratio: 1.16 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 2.20 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(5C7A80)	Ratio: 1.89 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 2.20 Failed ⁵		Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(FFFFFF)	Ratio: 2.44 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 4.61 AA ¹ AAA 18pt ⁴		Ratio: 3.95 AA 18pt ²
Hex(808080)	Ratio: 1.62 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 1.89 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.95 AA 18pt ²	

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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