

Converting Colors - WCAG Matrix

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

Hex(5266DE) Hex(CFD6FF) Hex(52DEC9) Hex(626680) Hex(000000) Hex(808080)

	Hex(5266DE)	Hex(CFD6FF)	Hex(52DEC9)	Hex(626680)	Hex(000000)	Hex(808080)
Hex(5266DE)		Ratio: 3.41 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 4.31 AA 18pt ²	Ratio: 1.23 Failed ⁵
Hex(CFD6FF)	Ratio: 3.41 AA 18pt ²		Ratio: 1.16 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 14.72 Passed ⁶	Ratio: 2.77 Failed ⁵
Hex(52DEC9)	Ratio: 2.93 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 3.39 AA 18pt ²	Ratio: 12.65 Passed ⁶	Ratio: 2.38 Failed ⁵
Hex(626680)	Ratio: 1.16 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 3.39 AA 18pt ²		Ratio: 3.73 AA 18pt ²	Ratio: 1.42 Failed ⁵
Hex(000000)	Ratio: 4.31 AA 18pt ²	Ratio: 14.72 Passed ⁶	Ratio: 12.65 Passed ⁶	Ratio: 3.73 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.23 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.42 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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