

Converting Colors - WCAG Matrix

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

Hex(4A68C2) Hex(CCD8FC) Hex(4AC2A4) Hex(626A80) Hex(000000) Hex(808080)

	Hex(4A68C2)	Hex(CCD8FC)	Hex(4AC2A4)	Hex(626A80)	Hex(000000)	Hex(808080)
Hex(4A68C2)		Ratio: 3.65 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 1.31 Failed ⁵
Hex(CCD8FC)	Ratio: 3.65 AA 18pt ²		Ratio: 1.55 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 14.80 Passed ⁶	Ratio: 2.78 Failed ⁵
Hex(4AC2A4)	Ratio: 2.36 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 2.45 Failed ⁵	Ratio: 9.54 Passed ⁶	Ratio: 1.79 Failed ⁵
Hex(626A80)	Ratio: 1.04 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 2.45 Failed ⁵		Ratio: 3.89 AA 18pt ²	Ratio: 1.37 Failed ⁵
Hex(000000)	Ratio: 4.05 AA 18pt ²	Ratio: 14.80 Passed ⁶	Ratio: 9.54 Passed ⁶	Ratio: 3.89 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.31 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.37 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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