

Converting Colors - WCAG Matrix

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

Hex(C258C4) Hex(FED4FF) Hex(585CC4) Hex(7F6680) Hex(000000) Hex(808080)

	Hex(C258C4)	Hex(FED4FF)	Hex(585CC4)	Hex(7F6680)	Hex(000000)	Hex(808080)
Hex(C258C4)		Ratio: 2.93 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(FED4FF)	Ratio: 2.93 Failed ⁵		Ratio: 4.29 AA 18pt ²	Ratio: 3.91 AA 18pt ²	Ratio: 16.08 Passed ⁶	Ratio: 3.02 AA 18pt ²
Hex(585CC4)	Ratio: 1.47 Failed ⁵	Ratio: 4.29 AA 18pt ²		Ratio: 1.10 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 1.42 Failed ⁵
Hex(7F6680)	Ratio: 1.33 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 1.10 Failed ⁵		Ratio: 4.11 AA 18pt ²	Ratio: 1.29 Failed ⁵
Hex(000000)	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 16.08 Passed ⁶	Ratio: 3.74 AA 18pt ²	Ratio: 4.11 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.03 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 1.42 Failed ⁵	Ratio: 1.29 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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