

Converting Colors - WCAG Matrix

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

Hex(FF66CD) Hex(FFD1F0) Hex(9666FF) Hex(806376) Hex(000000) Hex(808080)

	Hex(FF66CD)	Hex(FFD1F0)	Hex(9666FF)	Hex(806376)	Hex(000000)	Hex(808080)
Hex(FF66CD)		Ratio: 1.95 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 8.03 Passed ⁶	Ratio: 1.51 Failed ⁵
Hex(FFD1F0)	Ratio: 1.95 Failed ⁵		Ratio: 2.77 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 15.63 Passed ⁶	Ratio: 2.94 Failed ⁵
Hex(9666FF)	Ratio: 1.42 Failed ⁵	Ratio: 2.77 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(806376)	Ratio: 2.03 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 3.96 AA 18pt ²	Ratio: 1.34 Failed ⁵
Hex(000000)	Ratio: 8.03 Passed ⁶	Ratio: 15.63 Passed ⁶	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 3.96 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.51 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.34 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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