

Converting Colors - WCAG Matrix

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

Hex(0098FF) Hex(B3E0FF) Hex(00FF66) Hex(526D80) Hex(000000) Hex(808080)

	Hex(0098FF)	Hex(B3E0FF)	Hex(00FF66)	Hex(526D80)	Hex(000000)	Hex(808080)
Hex(0098FF)		Ratio: 2.17 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 6.94 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵
Hex(B3E0FF)	Ratio: 2.17 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 15.02 Passed ⁶	Ratio: 2.83 Failed ⁵
Hex(00FF66)	Ratio: 2.23 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 4.02 AA 18pt ²	Ratio: 15.50 Passed ⁶	Ratio: 2.91 Failed ⁵
Hex(526D80)	Ratio: 1.80 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 4.02 AA 18pt ²		Ratio: 3.86 AA 18pt ²	Ratio: 1.38 Failed ⁵
Hex(000000)	Ratio: 6.94 AA ¹ AAA 18pt ⁴	Ratio: 15.02 Passed ⁶	Ratio: 15.50 Passed ⁶	Ratio: 3.86 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.30 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 1.38 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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