

Converting Colors - WCAG Matrix

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

Hex(00A3FF) Hex(B3E3FF) Hex(00FF59) Hex(527080) Hex(000000) Hex(808080)

	Hex(00A3FF)	Hex(B3E3FF)	Hex(00FF59)	Hex(527080)	Hex(000000)	Hex(808080)
Hex(00A3FF)		Ratio: 2.00 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 7.68 Passed ⁶	Ratio: 1.44 Failed ⁵
Hex(B3E3FF)	Ratio: 2.00 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 15.35 Passed ⁶	Ratio: 2.89 Failed ⁵
Hex(00FF59)	Ratio: 2.01 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 3.87 AA 18pt ²	Ratio: 15.45 Passed ⁶	Ratio: 2.91 Failed ⁵
Hex(527080)	Ratio: 1.93 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 3.87 AA 18pt ²		Ratio: 3.99 AA 18pt ²	Ratio: 1.33 Failed ⁵
Hex(000000)	Ratio: 7.68 Passed ⁶	Ratio: 15.35 Passed ⁶	Ratio: 15.45 Passed ⁶	Ratio: 3.99 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.44 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 1.33 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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