

Converting Colors - WCAG Matrix

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

Hex(0088CC) Hex(B3E5FF) Hex(00CC44) Hex(527080) Hex(000000) Hex(808080)

	Hex(0088CC)	Hex(B3E5FF)	Hex(00CC44)	Hex(527080)	Hex(000000)	Hex(808080)
Hex(0088CC)		Ratio: 2.89 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(B3E5FF)	Ratio: 2.89 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 15.57 Passed ⁶	Ratio: 2.93 Failed ⁵
Hex(00CC44)	Ratio: 1.80 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 9.72 Passed ⁶	Ratio: 1.83 Failed ⁵
Hex(527080)	Ratio: 1.35 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 2.44 Failed ⁵		Ratio: 3.99 AA 18pt ²	Ratio: 1.33 Failed ⁵
Hex(000000)	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 15.57 Passed ⁶	Ratio: 9.72 Passed ⁶	Ratio: 3.99 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.01 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.83 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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