

Converting Colors

RGB(129, 197, 254)

Have a look what the booklet for
RGB(129, 197, 254) contains.

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Color

RGB(129, 197, 254)

Conversions

Conversions Part 1

Format	Color
Hex	81C5FE
RGB	129, 197, 254
RGB Percent	51%, 77%, 100%
CMY	0.4941, 0.2275, 0.0039
CMYK	0.49, 0.22, 0.00, 0.00
HSL	207°, 98%, 75%
HSV	207°, 49%, 100%
XYZ	46.9089, 51.7554, 101.2834
YIQ	183.1660, -58.8250, 3.3110

Conversions

Conversions Part 2

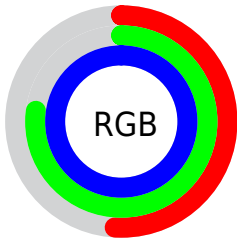
Format	Color
R _Y B	129, 173, 254
Decimal	8504830
CIE Lab	77.13, -6.31, -34.66
CIE LCh	77, 35.227, 259.683
Yxy	51.7554, 0.2346, 0.2588
Android (android.graphics.Color)	4286694910 (0xFF81C5FE)
YUV	183.1660, 34.9212, -47.5036
Hunter-Lab	71.9412, -9.5071, -33.1133

Details

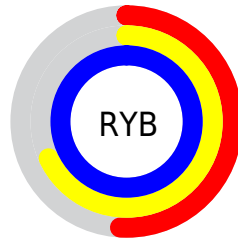
The RGB color **129, 197, 254** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **254, 186, 129**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **187, 254, 255**, and **69, 143, 197** is the 20% darker color. If you saturate the color by 10%, you get **104, 185, 254**, and if you desaturate by 10%, it is **154, 209, 254**.

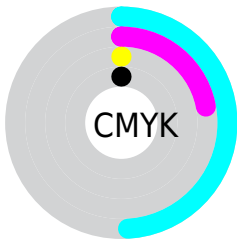
Distribution



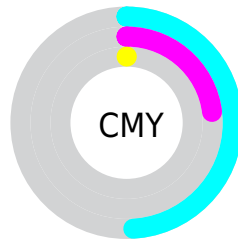
- Red (51%)
- Green (77%)
- Blue (100%)



- Red (51%)
- Yellow (68%)
- Blue (100%)



- Cyan (49%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)




- Cyan (49%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RGB color 129, 197, 254 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 129, 197, 254 by changing the saturation by 10% instead.


 129, 197, 254

 129, 197, 254


255, 255, 255

 100, 170, 225

 187, 254, 255

 69, 143, 197

 217, 255, 255

 32, 118, 170

 247, 255, 255

 0, 93, 143

 0, 70, 117

 0, 48, 92

 0, 28, 68

 0, 4, 46

 0, 1, 24

■ 129, 197, 254

■ 129, 197, 254

■ 104, 185, 254

■ 154, 209, 254

■ 78, 174, 254

■ 180, 220, 254

■ 53, 162, 254

■ 205, 232, 254

■ 27, 151, 254

■ 231, 243, 254

■ 2, 139, 254

■ 255, 255, 254

■ 0, 138, 254

■ 255, 255, 254

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87, 205, 239



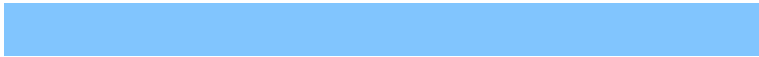
129, 197, 254



179, 186, 252

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



129, 197, 254



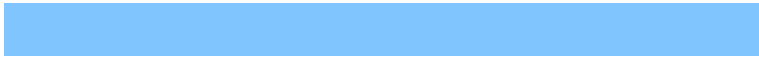
255, 167, 170



154, 203, 147

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



129, 197, 254



254, 186, 129

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



191, 195, 128



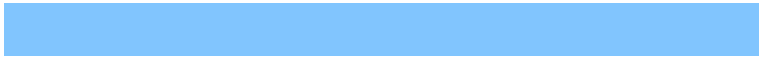
129, 197, 254



246, 174, 142

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



129, 197, 254



247, 167, 203



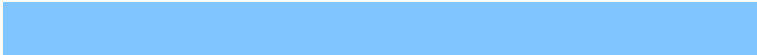
223, 185, 126



115, 208, 178

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



129, 197, 254



208, 178, 241



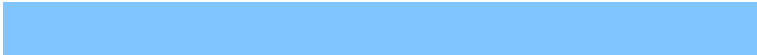
223, 185, 126



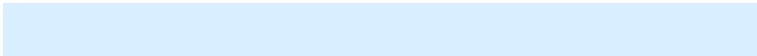
167, 201, 139

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



129, 197, 254



217, 238, 255



129, 254, 185



105, 117, 128



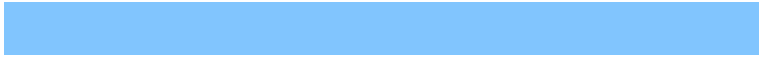
0, 0, 0



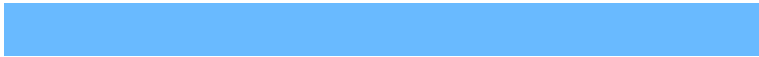
128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



129, 197, 254



105, 186, 255



129, 135, 254



115, 122, 128



0, 104, 191



0, 35, 64

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



254, 129, 197



255, 105, 186



254, 248, 129



128, 115, 122



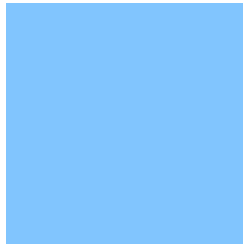
191, 0, 104



64, 0, 35

Previews

White Background



This preview shows how the RGB color 129, 197, 254 looks on a white background.

Color Contrast Check

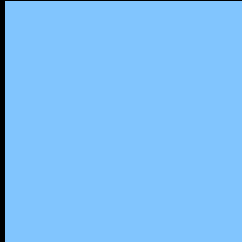
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 129, 197, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

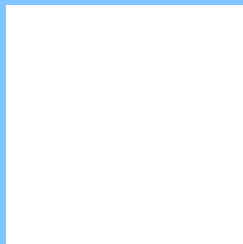
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 129, 197, 254 Background



This preview shows how black text looks on a background with the RGB color 129, 197, 254.

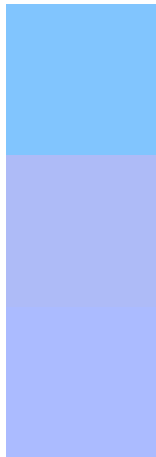


This preview shows how white text looks on a background with the RGB color 129, 197, 254.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

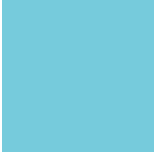
Dichromacy



Original Color
129, 197, 254

Protanopia
174, 187, 247

Deuteranopia
171, 187, 255



Tritanopia
118, 203, 220

Trichromacy



Original Color
129, 197, 254

Protanomaly
158, 191, 250

Deuteranomaly
156, 191, 255

Tritanomaly
122, 201, 232

Monochromacy



Original Color
129, 197, 254

Achromatopsia
183, 183, 183

Achromatomaly
163, 188, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 197, 254 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(129, 197, 254)` looks like.

```
.text, #text, p{  
    color:rgb(129, 197, 254)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(129, 197, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 197, 254) }
```

Border

The CSS property to change the border of an element to RGB 129, 197, 254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(129, 197, 254) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(129, 197, 254) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(129, 197, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 197, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 197, 254); box-shadow:4px 4px 4px 4px rgb(129, 197, 254) }
```

Background

The CSS property to change the background color of an element to RGB 129, 197, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 197, 254) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(129,  
197, 254) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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