

Converting Colors

RGB(120, 197, 237)

Have a look what the booklet for
RGB(120, 197, 237) contains.

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Color

RGB(120, 197, 237)

Conversions

Conversions Part 1

Format	Color
Hex	78C5ED
RGB	120, 197, 237
RGB Percent	47%, 77%, 93%
CMY	0.5294, 0.2275, 0.0706
CMYK	0.49, 0.17, 0.00, 0.07
HSL	201°, 76%, 70%
HSV	201°, 49%, 93%
XYZ	42.9980, 50.0400, 87.5132
YIQ	178.5370, -58.7320, -3.8840

Conversions

Conversions Part 2

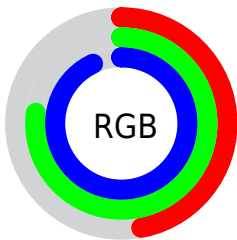
Format	Color
R _Y B	120, 166, 237
Decimal	7914989
CIE Lab	76.09, -13.13, -27.17
CIE LCh	76, 30.174, 244.216
Yxy	50.0400, 0.2381, 0.2772
Android (android.graphics.Color)	4286105069 (0xFF78C5ED)
YUV	178.5370, 28.8223, -51.3369
Hunter-Lab	70.7390, -15.2935, -23.8321

Details

The RGB color **120, 197, 237** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **237, 160, 120**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **178, 254, 255**, and **60, 143, 181** is the 20% darker color. If you saturate the color by 10%, you get **96, 189, 237**, and if you desaturate by 10%, it is **144, 205, 237**.

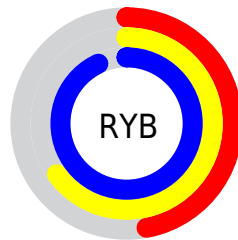
Distribution



Red (47%)

Green (77%)

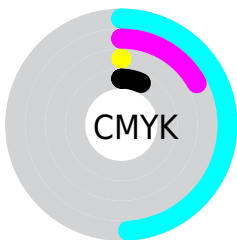
Blue (93%)



Red (47%)

Yellow (65%)

Blue (93%)

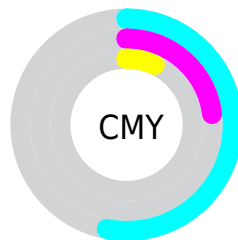


Cyan (49%)

Magenta (17%)

Yellow (0%)

Black (7%)



Cyan (53%)


Magenta (23%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 197, 237 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 120, 197, 237 by changing the saturation by 10% instead.


 120, 197, 237


255, 255, 255


 178, 254, 255


 207, 255, 255

 237, 255, 255

 120, 197, 237

 91, 170, 209

 60, 143, 181

 19, 118, 154

 0, 93, 128

 0, 69, 103


 0, 47, 79


 0, 27, 55

 0, 2, 34


 0, 0, 8

 120, 197, 237


 120, 197, 237


 96, 189, 237


 144, 205, 237

 73, 181, 237

 167, 213, 237

 49, 173, 237

 191, 221, 237

 25, 165, 237

 215, 229, 237

 2, 156, 237

 238, 238, 237

 0, 156, 237

 255, 246, 237

 255, 254, 237

 255, 255, 237

Harmonies

Analogous

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



101, 202, 218



120, 197, 237



158, 189, 243

Triad

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



120, 197, 237



242, 167, 185



173, 195, 141

Complementary

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



120, 197, 237



237, 160, 120

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.



204, 187, 132



120, 197, 237



242, 170, 158

Square

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



120, 197, 237



227, 171, 212



228, 178, 138



141, 201, 163

Rectangle

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



120, 197, 237



184, 182, 238



228, 178, 138



184, 193, 136

Sweetspot

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



120, 197, 237



217, 242, 255



120, 237, 159



105, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



120, 197, 237



105, 204, 255



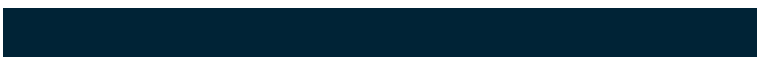
120, 140, 237



106, 113, 117



0, 119, 181



0, 35, 54

Inverse Universe

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



237, 120, 197



255, 105, 204



237, 218, 120



117, 106, 113



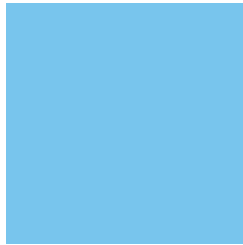
181, 0, 119



54, 0, 35

Previews

White Background



This preview shows how the RGB color 120, 197, 237 looks on a white background.

Color Contrast Check

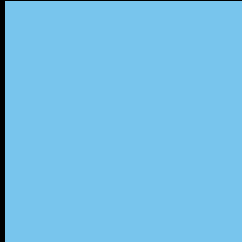
Large Text (above 18pt) WCAG AA × Fail

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 120, 197, 237 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

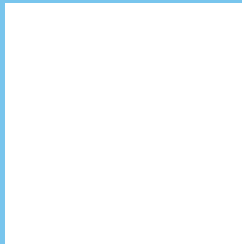
Any Text WCAG AAA ✓ Pass

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

RGB 120, 197, 237 Background



This preview shows how black text looks on a background with the RGB color 120, 197, 237.

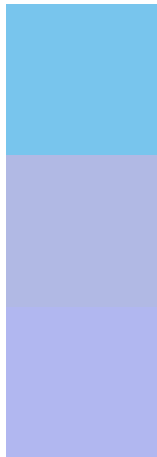


This preview shows how white text looks on a background with the RGB color 120, 197, 237.

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
120, 197, 237

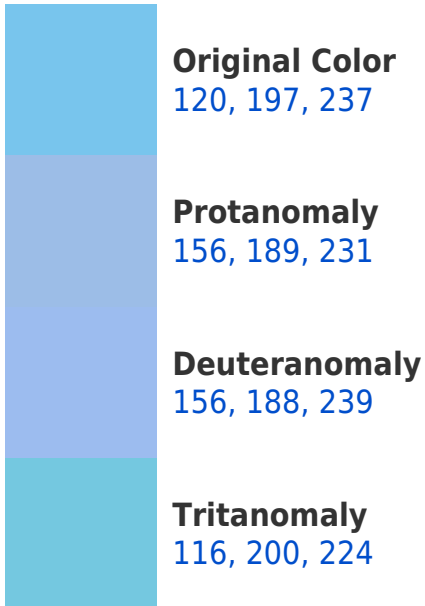
Protanopia
177, 185, 228

Deuteranopia
177, 183, 240

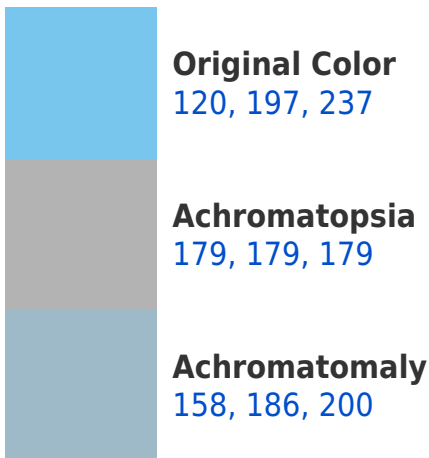


Tritanopia
113, 201, 217

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 197, 237 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(120, 197, 237)` looks like.

```
.text, #text, p{  
    color:rgb(120, 197, 237)  
}
```

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(120, 197, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 197, 237) }
```

Border

The CSS property to change the border of an element to RGB 120, 197, 237 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(120, 197, 237) }
```

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

```
.border{ border-color:rgb(120, 197, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 197, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 197, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 197, 237); box-shadow:4px 4px 4px 4px rgb(120, 197, 237) }
```

Background

The CSS property to change the background color of an element to RGB 120, 197, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 197, 237) }
```

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

```
.background{ background-color: rgb(120,  
197, 237) }
```

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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