

Converting Colors

RGB(117, 200, 233)

Have a look what the booklet for
RGB(117, 200, 233) contains.

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Color

RGB(117, 200, 233)

Conversions

Conversions Part 1

Format	Color
Hex	75C8E9
RGB	117, 200, 233
RGB Percent	46%, 78%, 91%
CMY	0.5412, 0.2157, 0.0863
CMYK	0.50, 0.14, 0.00, 0.09
HSL	197°, 72%, 69%
HSV	197°, 50%, 91%
XYZ	42.6984, 50.9737, 84.6793
YIQ	178.9450, -60.0610, -7.3330

Conversions

Conversions Part 2

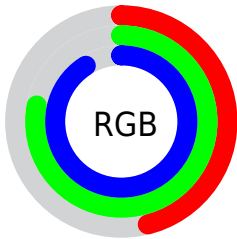
Format	Color
R _Y B	117, 165, 233
Decimal	7719145
CIE Lab	76.66, -16.47, -24.16
CIE LCh	77, 29.240, 235.712
Yxy	50.9737, 0.2394, 0.2858
Android (android.graphics.Color)	4285909225 (0xFF75C8E9)
YUV	178.9450, 26.6491, -54.3258
Hunter-Lab	71.3958, -18.1905, -20.3440

Details

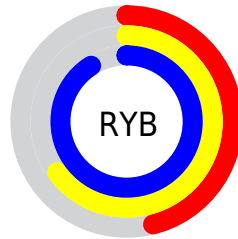
The RGB color **117, 200, 233** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **233, 150, 117**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **175, 255, 255**, and **56, 146, 177** is the 20% darker color. If you saturate the color by 10%, you get **94, 193, 233**, and if you desaturate by 10%, it is **140, 207, 233**.

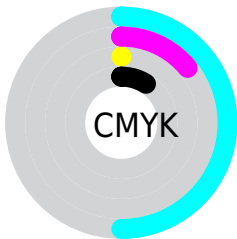
Distribution



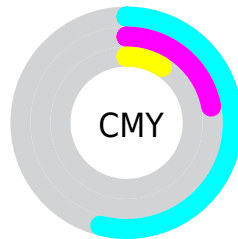
- Red (46%)
- Green (78%)
- Blue (91%)



- Red (46%)
- Yellow (65%)
- Blue (91%)



- Cyan (50%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (54%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 200, 233 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 117, 200, 233 by changing the saturation by 10% instead.

 117, 200, 233


255, 255, 255


 175, 255, 255


 204, 255, 255

 234, 255, 255

 117, 200, 233

 88, 173, 205

 56, 146, 177

 10, 120, 150

 0, 95, 125

 0, 72, 99

 0, 49, 75

 0, 29, 53

 0, 2, 31

 0, 0, 3

■ 117, 200, 233

■ 117, 200, 233

■ 94, 193, 233

■ 140, 207, 233

■ 70, 187, 233

■ 164, 213, 233

■ 47, 180, 233

■ 187, 220, 233

■ 24, 173, 233

■ 210, 227, 233

■ 1, 167, 233

■ 234, 233, 233

■ 0, 167, 233

■ 255, 240, 233

■ 255, 246, 233

■ 255, 253, 233

■ 255, 255, 233

Harmonies

Analogous

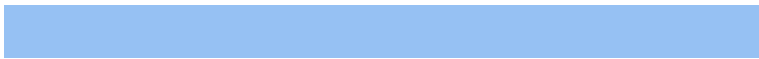
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



107, 204, 212



117, 200, 233



150, 193, 243

Triad

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



117, 200, 233



240, 170, 194



184, 195, 140

Complementary

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



117, 200, 233



233, 150, 117

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.



212, 186, 135



117, 200, 233



244, 171, 167

Square

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



117, 200, 233



220, 175, 220



234, 177, 145



153, 201, 158

Rectangle

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



117, 200, 233



176, 187, 241



234, 177, 145



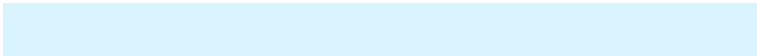
194, 192, 137

Sweetspot

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



117, 200, 233



217, 244, 255



117, 233, 150



105, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



117, 200, 233



102, 211, 255



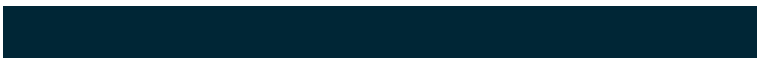
117, 142, 233



106, 114, 117



0, 130, 181



0, 38, 54

Inverse Universe

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



233, 117, 200



255, 102, 211



233, 208, 117



117, 106, 114



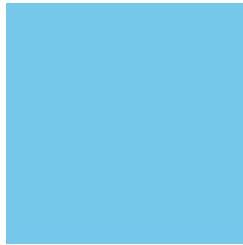
181, 0, 130



54, 0, 38

Previews

White Background



This preview shows how the RGB color 117, 200, 233 looks on a white background.

Color Contrast Check

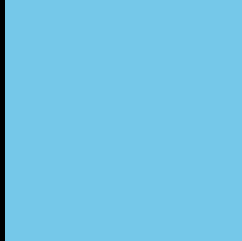
Large Text (above 18pt) WCAG AA × Fail

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 117, 200, 233 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 117, 200, 233 Background



This preview shows how black text looks on a background with the RGB color 117, 200, 233.

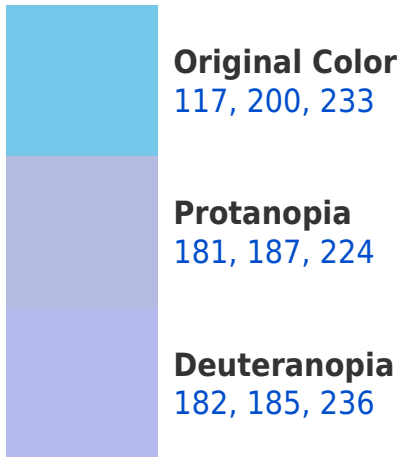


This preview shows how white text looks on a background with the RGB color 117, 200, 233.

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](#).

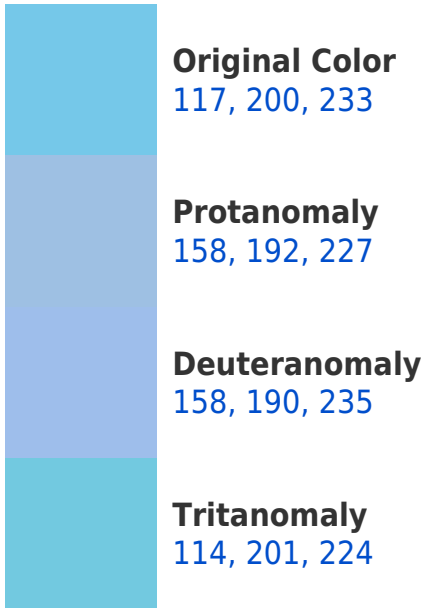
Dichromacy



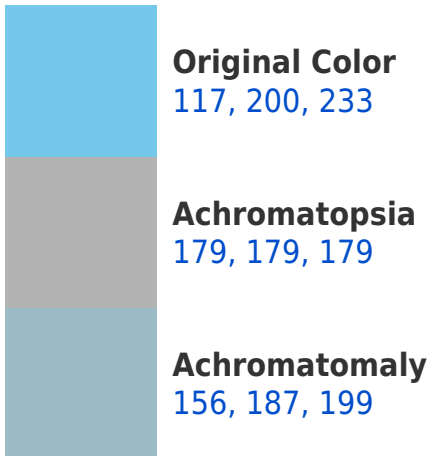


Tritanopia
112, 202, 219

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 200, 233 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(117, 200, 233)` looks like.

```
.text, #text, p{  
    color:rgb(117, 200, 233)  
}
```

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(117, 200, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 200, 233) }
```

Border

The CSS property to change the border of an element to RGB 117, 200, 233 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(117, 200, 233) }
```

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

```
.border{ border-color:rgb(117, 200, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 200, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 200, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 200, 233); box-shadow:4px 4px 4px 4px rgb(117, 200, 233) }
```

Background

The CSS property to change the background color of an element to RGB 117, 200, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 200, 233) }
```

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

```
.background{ background-color: rgb(117,  
200, 233) }
```

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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