

Converting Colors

RGB(117, 172, 235)

Have a look what the booklet for
RGB(117, 172, 235) contains.

RGB(117, 172, 235)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(117, 172, 235)

Conversions

Conversions Part 1

Format	Color
Hex	75ACEB
RGB	117, 172, 235
RGB Percent	46%, 67%, 92%
CMY	0.5412, 0.3255, 0.0784
CMYK	0.50, 0.27, 0.00, 0.08
HSL	212°, 75%, 69%
HSV	212°, 50%, 92%
XYZ	37.0840, 39.2851, 84.2255
YIQ	162.7370, -53.0030, 7.9330

Conversions

Conversions Part 2

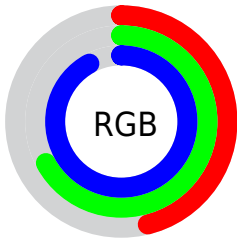
Format	Color
RYB	117, 155, 235
Decimal	7711979
CIELab	68.96, -0.84, -37.12
CIELCh	69, 37.125, 268.709
Yxy	39.2851, 0.2309, 0.2446
Android (android.graphics.Color)	4285902059 (0xFF75ACEB)
YUV	162.7370, 35.6257, -40.1113
Hunter-Lab	62.6778, -4.0747, -35.7985

Details

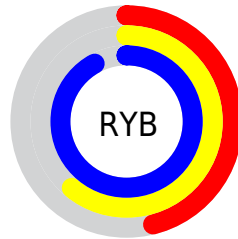
The RGB color **117, 172, 235** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **235, 180, 117**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **175, 227, 255**, and **57, 120, 179** is the 20% darker color. If you saturate the color by 10%, you get **94, 159, 235**, and if you desaturate by 10%, it is **141, 185, 235**.

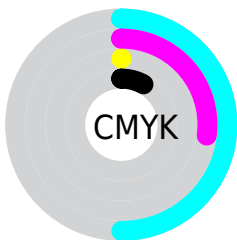
Distribution



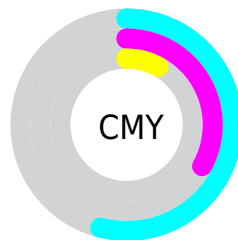
- Red (46%)
- Green (67%)
- Blue (92%)



- Red (46%)
- Yellow (61%)
- Blue (92%)



- Cyan (50%)
- Magenta (27%)
- Yellow (0%)
- Black (8%)



- Cyan (54%)
- Magenta (33%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 172, 235 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, 172, 235 by changing the saturation by 10% instead.

 117, 172, 235


255, 255, 255


 175, 227, 255

 204, 255, 255

 233, 255, 255

 117, 172, 235

 88, 146, 207

 57, 120, 179

 16, 95, 152

 0, 72, 126

 0, 50, 100

 0, 29, 76

 0, 5, 53

 0, 2, 31

 0, 0, 2

■ 117, 172, 235

■ 117, 172, 235

■ 94, 159, 235

■ 141, 185, 235

■ 70, 147, 235

■ 164, 197, 235

■ 47, 134, 235

■ 187, 210, 235

■ 23, 122, 235

■ 211, 222, 235

■ 0, 110, 235

■ 235, 235, 235

■ 255, 247, 235

■ 255, 255, 235

Harmonies

Analogous

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



57, 181, 225



117, 172, 235



170, 160, 227

Triad

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



117, 172, 235



233, 145, 138



117, 183, 132

Complementary

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



117, 172, 235



235, 180, 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.



157, 176, 108



117, 172, 235



219, 154, 112

Square

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



117, 172, 235



231, 142, 171



192, 166, 101



72, 186, 166

Rectangle

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



117, 172, 235



198, 152, 213



192, 166, 101



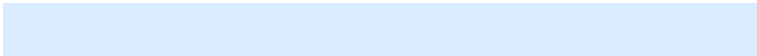
131, 181, 123

Sweetspot

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



117, 172, 235



217, 235, 255



117, 235, 180



105, 115, 128



0, 0, 0



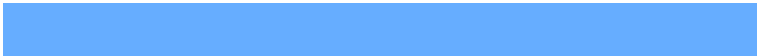
128, 128, 128

Same Dimension

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



117, 172, 235



102, 173, 255



121, 117, 235



106, 111, 117



0, 84, 181



0, 25, 54

Inverse Universe

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



235, 117, 172



255, 102, 173



231, 235, 117



117, 106, 111



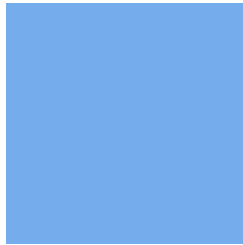
181, 0, 84



54, 0, 25

Previews

White Background



This preview shows how the RGB color 117, 172, 235 looks on a white background.

Color Contrast Check

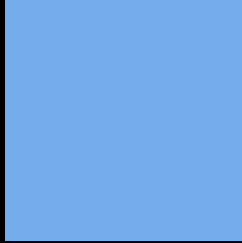
Large Text (above 18pt) WCAG AA × Fail

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, 172, 235 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

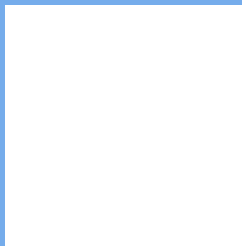
Any Text WCAG AAA ✓ Pass

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

RGB 117, 172, 235 Background



This preview shows how black text looks on a background with the RGB color 117, 172, 235.

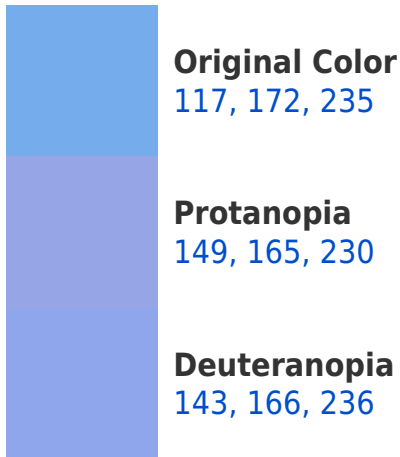


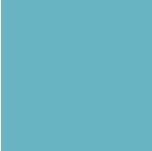
This preview shows how white text looks on a background with the RGB color 117, 172, 235.

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](#).

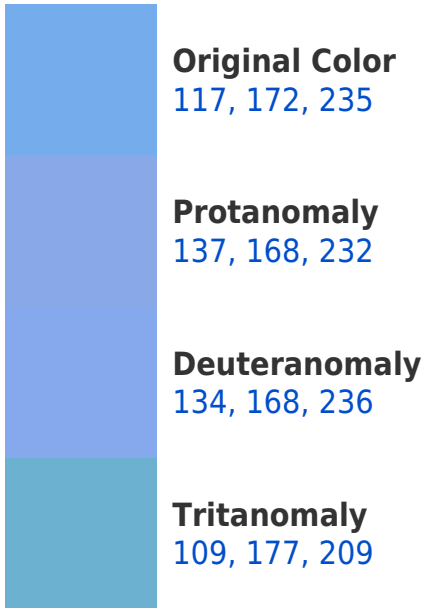
Dichromacy



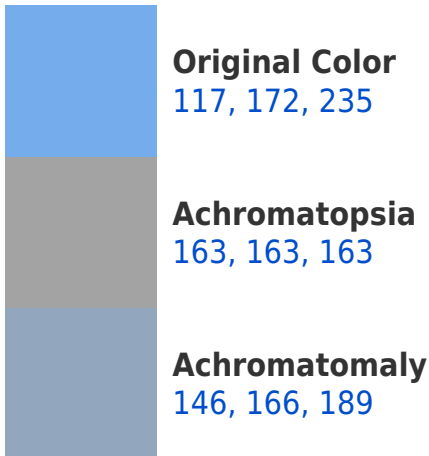


Tritanopia
104, 180, 194

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 172, 235 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, 172, 235)` looks like.

```
.text, #text, p{  
    color:rgb(117, 172, 235)  
}
```

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, 172, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 172, 235) }
```

Border

The CSS property to change the border of an element to RGB 117, 172, 235 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, 172, 235) }
```

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

```
.border{ border-color:rgb(117, 172, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 172, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 172, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 172, 235);  
box-shadow:4px 4px 4px 4px rgb(117, 172,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 117, 172, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 172, 235) }
```

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

```
.background{ background-color: rgb(117,  
172, 235) }
```

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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