

Converting Colors

RGB(117, 186, 205)

Have a look what the booklet for
RGB(117, 186, 205) contains.

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Color

RGB(117, 186, 205)

Conversions

Conversions Part 1

Format	Color
Hex	75BACD
RGB	117, 186, 205
RGB Percent	46%, 73%, 80%
CMY	0.5412, 0.2706, 0.1961
CMYK	0.43, 0.09, 0.00, 0.20
HSL	193°, 47%, 63%
HSV	193°, 43%, 80%
XYZ	35.9145, 43.3075, 64.2239
YIQ	167.5350, -47.2230, -8.7190

Conversions

Conversions Part 2

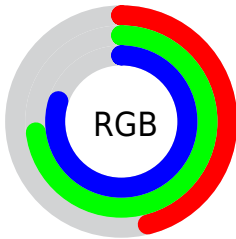
Format	Color
R _{YB}	117, 156, 205
Decimal	7715533
CIE Lab	71.76, -16.81, -16.41
CIE LCh	72, 23.496, 224.311
Yxy	43.3075, 0.2504, 0.3019
Android (android.graphics.Color)	4285905613 (0xFF75BACD)
YUV	167.5350, 18.4702, -44.3192
Hunter-Lab	65.8084, -17.7497, -11.7965

Details

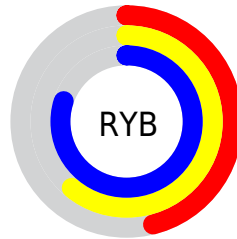
The RGB color **117, 186, 205** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **205, 136, 117**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **173, 242, 255**, and **61, 133, 151** is the 20% darker color. If you saturate the color by 10%, you get **97, 182, 205**, and if you desaturate by 10%, it is **138, 190, 205**.

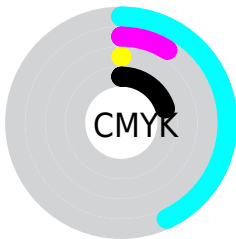
Distribution



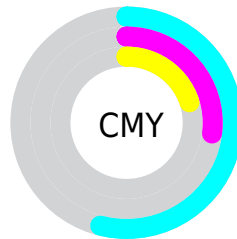
- Red (46%)
- Green (73%)
- Blue (80%)



- Red (46%)
- Yellow (61%)
- Blue (80%)



- Cyan (43%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)



- Cyan (54%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 117, 186, 205 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, 186, 205 by changing the saturation by 10% instead.

 117, 186, 205


255, 255, 255


 173, 242, 255


 202, 255, 255

 231, 255, 255

 117, 186, 205

 89, 159, 178


 61, 133, 151

 29, 107, 125

 0, 83, 100

 0, 60, 76

 0, 38, 53

 0, 14, 32

 0, 0, 5

 0, 0, 0

■ 117, 186, 205

■ 117, 186, 205

■ 97, 182, 205

■ 138, 190, 205

■ 76, 177, 205

■ 158, 195, 205

■ 55, 173, 205

■ 179, 199, 205

■ 35, 168, 205

■ 199, 204, 205

■ 14, 164, 205

■ 220, 208, 205

■ 0, 161, 205

■ 240, 213, 205

■ 255, 217, 205

■ 255, 221, 205

■ 255, 226, 205

Harmonies

Analogous

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



117, 188, 186



117, 186, 205



136, 181, 217

Triad

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



117, 186, 205



212, 162, 188



181, 178, 134

Complementary

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



117, 186, 205



205, 136, 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.



202, 171, 135



117, 186, 205



220, 161, 166

Square

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



117, 186, 205



192, 167, 207



216, 164, 147



157, 184, 145

Rectangle

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



117, 186, 205



154, 177, 218



216, 164, 147



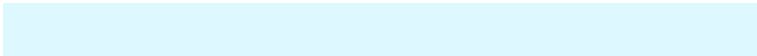
189, 175, 133

Sweetspot

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



117, 186, 205



222, 248, 255



117, 205, 135



107, 123, 128



0, 0, 0



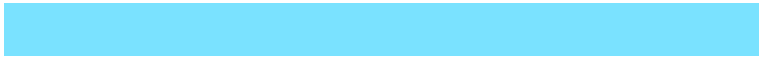
128, 128, 128

Same Dimension

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



117, 186, 205



122, 226, 255



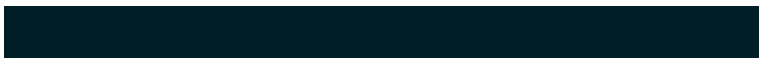
117, 143, 205



92, 100, 102



0, 130, 166



0, 30, 38

Inverse Universe

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



205, 117, 186



255, 122, 226



205, 179, 117



102, 92, 100



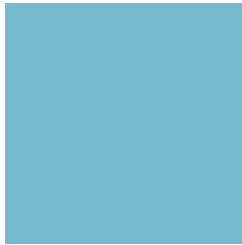
166, 0, 130



38, 0, 30

Previews

White Background



This preview shows how the RGB color 117, 186, 205 looks on a white background.

Color Contrast Check

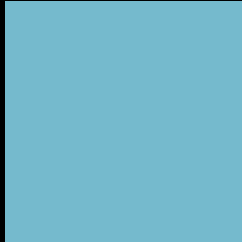
Large Text (above 18pt) WCAG AA × Fail

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, 186, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

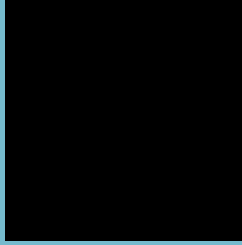
Any Text WCAG AA ✓ Pass

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, 186, 205 Background



This preview shows how black text looks on a background with the RGB color 117, 186, 205.

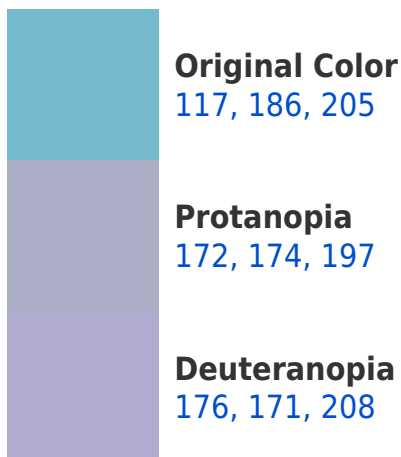


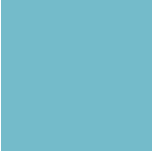
This preview shows how white text looks on a background with the RGB color 117, 186, 205.

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
116, 187, 202

Trichromacy



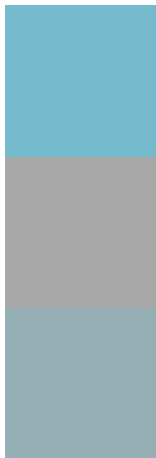
Original Color
117, 186, 205

Protanomaly
152, 178, 200

Deuteranomaly
155, 176, 207

Tritanomaly
116, 187, 203

Monochromacy



Original Color
117, 186, 205

Achromatopsia
168, 168, 168

Achromatomaly
149, 175, 181

CSS Examples

Text

The CSS property to change the color of the text to RGB 117, 186, 205 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, 186, 205)` looks like.

```
.text, #text, p{  
    color:rgb(117, 186, 205)  
}
```

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, 186, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 186, 205) }
```

Border

The CSS property to change the border of an element to RGB 117, 186, 205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

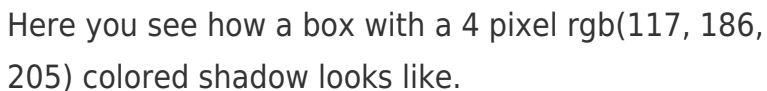
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 186, 205) }
```

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

```
.border{ border-color:rgb(117, 186, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 186, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 186, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 186, 205); box-shadow:4px 4px 4px 4px rgb(117, 186, 205) }
```

Background

The CSS property to change the background color of an element to RGB 117, 186, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 186, 205) }
```

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

```
.background{ background-color: rgb(117,  
186, 205) }
```

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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