

Converting Colors

RGB(104, 181, 215)

Have a look what the booklet for
RGB(104, 181, 215) contains.

RGB(104, 181, 215)	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(104, 181, 215)

Conversions

Conversions Part 1

Format	Color
Hex	68B5D7
RGB	104, 181, 215
RGB Percent	41%, 71%, 84%
CMY	0.5922, 0.2902, 0.1569
CMYK	0.52, 0.16, 0.00, 0.16
HSL	198°, 58%, 63%
HSV	198°, 52%, 84%
XYZ	34.4985, 40.8971, 70.3656
YIQ	161.8530, -56.8060, -5.7500

Conversions

Conversions Part 2

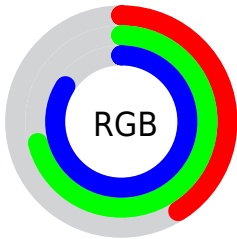
Format	Color
RYB	104, 149, 215
Decimal	6862295
CIELab	70.10, -14.47, -24.46
CIElCh	70, 28.421, 239.384
Yxy	40.8971, 0.2367, 0.2806
Android (android.graphics.Color)	4285052375 (0xFF68B5D7)
YUV	161.8530, 26.2015, -50.7371
Hunter-Lab	63.9508, -15.6214, -20.4717

Details

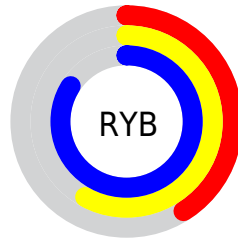
The RGB color **104, 181, 215** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **215, 138, 104**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **161, 237, 255**, and **42, 128, 160** is the 20% darker color. If you saturate the color by 10%, you get **83, 174, 215**, and if you desaturate by 10%, it is **126, 188, 215**.

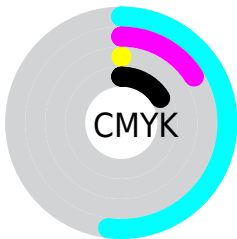
Distribution



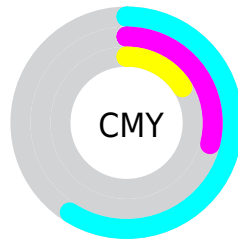
- Red (41%)
- Green (71%)
- Blue (84%)



- Red (41%)
- Yellow (58%)
- Blue (84%)



- Cyan (52%)
- Magenta (16%)
- Yellow (0%)
- Black (16%)



- Cyan (59%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 181, 215 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 104, 181, 215 by changing the saturation by 10% instead.

 104, 181, 215

255, 255, 255


 161, 237, 255


 190, 255, 255


 220, 255, 255

 250, 255, 255

 104, 181, 215


 75, 154, 187

 42, 128, 160

 0, 103, 134

 0, 79, 108

 0, 56, 84

 0, 34, 61

 0, 3, 39

 0, 1, 17

 0, 0, 0

■ 104, 181, 215

■ 104, 181, 215

■ 83, 174, 215

■ 126, 188, 215

■ 61, 168, 215

■ 147, 194, 215

■ 40, 161, 215

■ 169, 201, 215

■ 18, 155, 215

■ 190, 207, 215

■ 0, 149, 215

■ 212, 214, 215

■ 233, 221, 215

■ 255, 227, 215

■ 255, 234, 215

■ 255, 240, 215

Harmonies

Analogous

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



91, 185, 196



104, 181, 215



138, 174, 223

Triad

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



104, 181, 215



221, 152, 173



163, 177, 126

Complementary

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



104, 181, 215



215, 138, 104

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.



190, 169, 120



104, 181, 215



223, 154, 147

Square

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



104, 181, 215



204, 157, 198



211, 161, 128



133, 183, 144

Rectangle

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



104, 181, 215



163, 168, 220



211, 161, 128



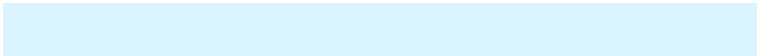
173, 175, 122

Sweetspot

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



104, 181, 215



217, 243, 255



104, 215, 137



105, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



104, 181, 215



97, 207, 255



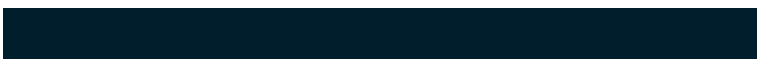
104, 126, 215



96, 104, 107



0, 119, 171



0, 30, 43

Inverse Universe

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



215, 104, 181



255, 97, 207



215, 193, 104



107, 96, 104



171, 0, 119



43, 0, 30

Previews

White Background



This preview shows how the RGB color 104, 181, 215 looks on a white background.

Color Contrast Check

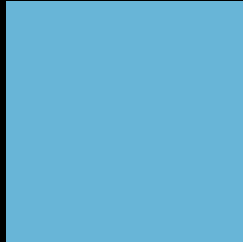
Large Text (above 18pt) WCAG AA × Fail

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 104, 181, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

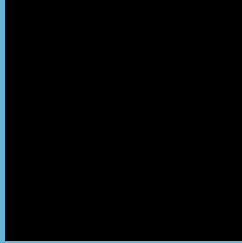
Any Text WCAG AA ✓ Pass

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 104, 181, 215 Background



This preview shows how black text looks on a background with the RGB color 104, 181, 215.

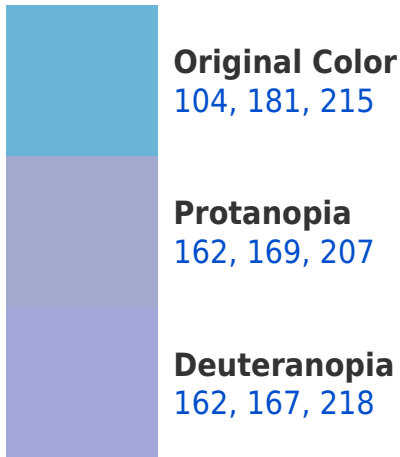


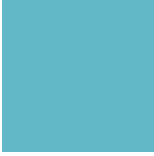
This preview shows how white text looks on a background with the RGB color 104, 181, 215.

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](#).

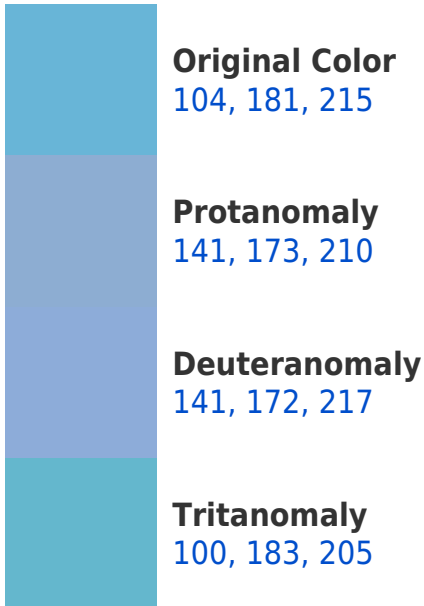
Dichromacy



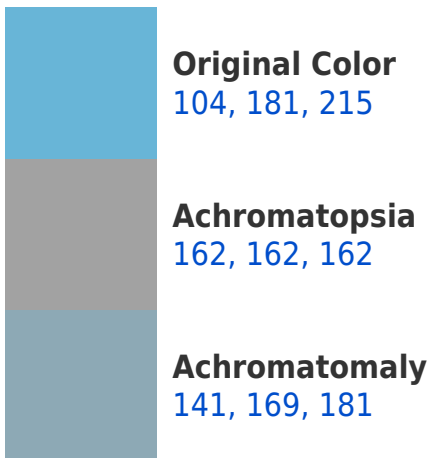


Tritanopia
98, 184, 199

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 181, 215 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(104, 181, 215)` looks like.

```
.text, #text, p{  
    color:rgb(104, 181, 215)  
}
```

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(104, 181, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 181, 215) }
```

Border

The CSS property to change the border of an element to RGB 104, 181, 215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

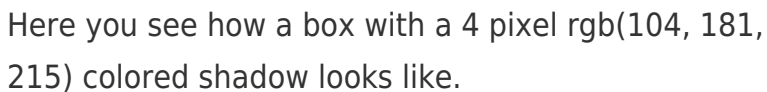
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(104, 181, 215) }
```

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

```
.border{ border-color:rgb(104, 181, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(104, 181, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 181, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 181, 215);  
box-shadow:4px 4px 4px 4px rgb(104, 181,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 104, 181, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 181, 215) }
```

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

```
.background{ background-color: rgb(104,  
181, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor