

Converting Colors

RGB(108, 200, 230)

Have a look what the booklet for
RGB(108, 200, 230) contains.

RGB(108, 200, 230)	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(108, 200, 230)

Conversions

Conversions Part 1

Format	Color
Hex	6CC8E6
RGB	108, 200, 230
RGB Percent	42%, 78%, 90%
CMY	0.5765, 0.2157, 0.0980
CMYK	0.53, 0.13, 0.00, 0.10
HSL	195°, 71%, 66%
HSV	195°, 53%, 90%
XYZ	41.1215, 50.2099, 82.3871
YIQ	175.9120, -64.4620, -10.1740

Conversions

Conversions Part 2

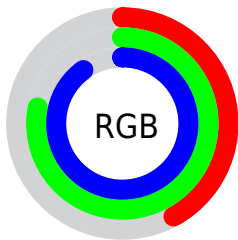
Format	Color
RYB	108, 160, 230
Decimal	7129318
CIELab	76.20, -19.24, -23.29
CIELCh	76, 30.207, 230.434
Yxy	50.2099, 0.2367, 0.2890
Android (android.graphics.Color)	4285319398 (0xFF6CC8E6)
YUV	175.9120, 26.6654, -59.5588
Hunter-Lab	70.8589, -20.4142, -19.3347

Details

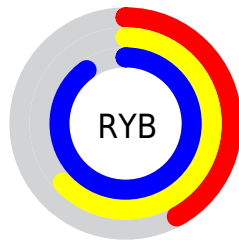
The RGB color **108, 200, 230** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **230, 138, 108**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **167, 255, 255**, and **42, 146, 174** is the 20% darker color. If you saturate the color by 10%, you get **85, 194, 230**, and if you desaturate by 10%, it is **131, 206, 230**.

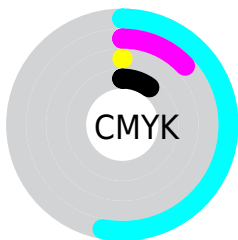
Distribution



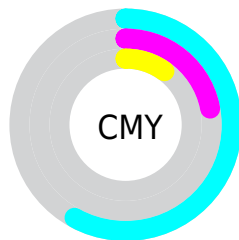
- Red (42%)
- Green (78%)
- Blue (90%)



- Red (42%)
- Yellow (63%)
- Blue (90%)



- Cyan (53%)
- Magenta (13%)
- Yellow (0%)
- Black (10%)



- Cyan (58%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 108, 200, 230 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 108, 200, 230 by changing the saturation by 10% instead.

 108, 200, 230


255, 255, 255

 167, 255, 255

 196, 255, 255

 226, 255, 255

 108, 200, 230

 77, 173, 202

 42, 146, 174

 0, 120, 148

 0, 95, 122

 0, 71, 97

 0, 49, 73

 0, 29, 50

 0, 2, 29

 0, 0, 0

■ 108, 200, 230

■ 108, 200, 230

■ 85, 194, 230

■ 131, 206, 230

■ 62, 189, 230

■ 154, 211, 230

■ 39, 183, 230

■ 177, 217, 230

■ 16, 177, 230

■ 200, 223, 230

■ 0, 173, 230

■ 223, 228, 230

■ 246, 234, 230

■ 255, 240, 230

■ 255, 245, 230

■ 255, 251, 230

Harmonies

Analogous

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



103, 203, 206



108, 200, 230



140, 193, 242

Triad

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



108, 200, 230



237, 168, 198



188, 192, 135

Complementary

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



108, 200, 230



230, 138, 108

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.



216, 183, 133



108, 200, 230



244, 168, 170

Square

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



108, 200, 230



215, 174, 224



236, 174, 146



156, 199, 152

Rectangle

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



108, 200, 230



166, 187, 242



236, 174, 146



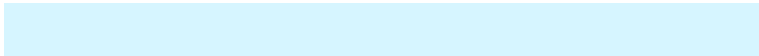
198, 189, 133

Sweetspot

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



108, 200, 230



214, 245, 255



108, 230, 136



103, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



108, 200, 230



92, 215, 255



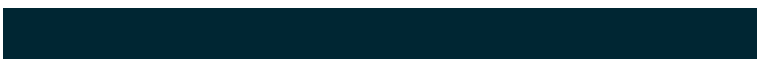
108, 141, 230



103, 112, 115



0, 135, 179



0, 38, 51

Inverse Universe

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



230, 108, 200



255, 92, 215



230, 197, 108



115, 103, 112



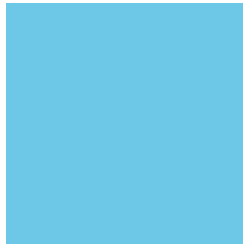
179, 0, 135



51, 0, 38

Previews

White Background



This preview shows how the RGB color 108, 200, 230 looks on a white background.

Color Contrast Check

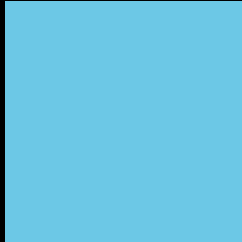
Large Text (above 18pt) WCAG AA × Fail

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 108, 200, 230 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 108, 200, 230 Background



This preview shows how black text looks on a background with the RGB color 108, 200, 230.



This preview shows how white text looks on a background with the RGB color 108, 200, 230.

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
108, 200, 230

Protanopia
180, 185, 220

Deuteranopia
181, 183, 234



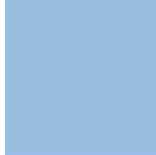
Tritanopia
104, 202, 218

Trichromacy



Original Color

108, 200, 230



Protanomaly

154, 190, 224



Deuteranomaly

154, 189, 233



Tritanomaly

105, 201, 222

Monochromacy



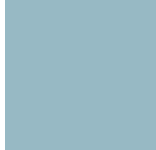
Original Color

108, 200, 230



Achromatopsia

176, 176, 176



Achromatomaly

151, 185, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 108, 200, 230 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(108, 200, 230)` looks like.

```
.text, #text, p{  
    color:rgb(108, 200, 230)  
}
```

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(108, 200, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 200, 230) }
```

Border

The CSS property to change the border of an element to RGB 108, 200, 230 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(108, 200, 230) }
```

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

```
.border{ border-color:rgb(108, 200, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 200, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 200, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 200, 230);  
box-shadow:4px 4px 4px 4px rgb(108, 200,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 108, 200, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 200, 230) }
```

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

```
.background{ background-color: rgb(108,  
200, 230) }
```

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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