

Converting Colors

RGB(85, 201, 230)

Have a look what the booklet for
RGB(85, 201, 230) contains.

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Color

RGB(85, 201, 230)

Conversions

Conversions Part 1

Format	Color
Hex	55C9E6
RGB	85, 201, 230
RGB Percent	33%, 79%, 90%
CMY	0.6667, 0.2118, 0.0980
CMYK	0.63, 0.13, 0.00, 0.10
HSL	192°, 74%, 62%
HSV	192°, 63%, 90%
XYZ	38.9159, 49.4178, 82.3504
YIQ	169.6220, -78.4450, -15.5730

Conversions

Conversions Part 2

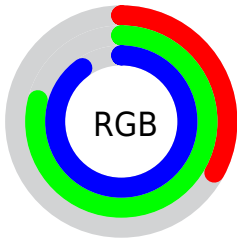
Format	Color
R _Y B	85, 149, 230
Decimal	5622246
CIE Lab	75.71, -24.03, -24.10
CIE LCh	76, 34.030, 225.088
Yxy	49.4178, 0.2280, 0.2895
Android (android.graphics.Color)	4283812326 (0xFF55C9E6)
YUV	169.6220, 29.7664, -74.2135
Hunter-Lab	70.2978, -24.2059, -20.2469

Details

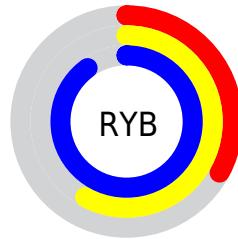
The RGB color **85, 201, 230** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **230, 114, 85**, and the grayscale version is **169, 169, 169**.

A 20% lighter version of the original color is **148, 255, 255**, and **0, 147, 174** is the 20% darker color. If you saturate the color by 10%, you get **62, 196, 230**, and if you desaturate by 10%, it is **108, 206, 230**.

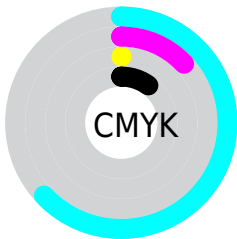
Distribution



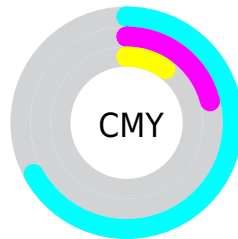
- Red (33%)
- Green (79%)
- Blue (90%)



- Red (33%)
- Yellow (58%)
- Blue (90%)



- Cyan (63%)
- Magenta (13%)
- Yellow (0%)
- Black (10%)



















- Cyan (67%)
- Magenta (21%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 85, 201, 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 85, 201, 230 by changing the saturation by 10% instead.

 85, 201, 230	 85, 201, 230
 255, 255, 255	 47, 174, 202
 148, 255, 255	 0, 147, 174
 178, 255, 255	 0, 121, 148
 209, 255, 255	 0, 96, 122
 239, 255, 255	 0, 72, 97
	 0, 49, 73
	 0, 30, 50
	 0, 2, 29
	 0, 0, 0

■ 85, 201, 230

■ 85, 201, 230

■ 62, 196, 230

■ 108, 206, 230

■ 39, 192, 230

■ 131, 210, 230

■ 16, 187, 230

■ 154, 215, 230

■ 0, 184, 230

■ 177, 219, 230

■ 200, 224, 230

■ 223, 229, 230

■ 246, 233, 230

■ 255, 238, 230

■ 255, 242, 230

Harmonies

Analogous

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



88, 204, 202



85, 201, 230



121, 194, 247

Triad

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



85, 201, 230



239, 165, 204



192, 190, 125

Complementary

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



85, 201, 230



230, 114, 85

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.



222, 179, 126



85, 201, 230



249, 163, 172

Square

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



85, 201, 230



211, 173, 231



243, 169, 143



157, 198, 141

Rectangle

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



85, 201, 230



153, 188, 249



243, 169, 143



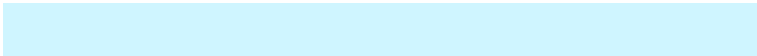
203, 186, 124

Sweetspot

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



85, 201, 230



207, 245, 255



85, 230, 114



98, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



85, 201, 230



61, 216, 255



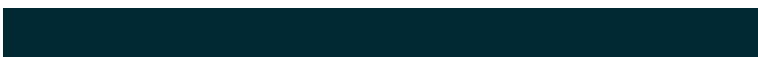
85, 129, 230



103, 112, 115



0, 143, 179



0, 41, 51

Inverse Universe

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



230, 85, 201



255, 61, 216



230, 187, 85



115, 103, 112



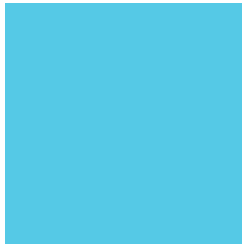
179, 0, 143



51, 0, 41

Previews

White Background



This preview shows how the RGB color 85, 201, 230 looks on a white background.

Color Contrast Check

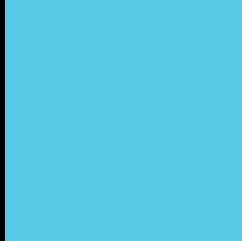
Large Text (above 18pt) WCAG AA × Fail

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 85, 201, 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 85, 201, 230 Background



This preview shows how black text looks on a background with the RGB color 85, 201, 230.

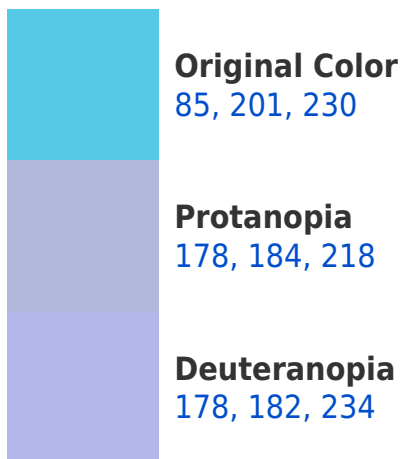


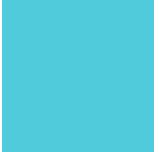
This preview shows how white text looks on a background with the RGB color 85, 201, 230.

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





Tritanopia
80, 203, 219

Trichromacy



Original Color
85, 201, 230



Protanomaly
144, 190, 222



Deuteranomaly
144, 189, 233

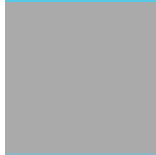


Tritanomaly
82, 202, 223

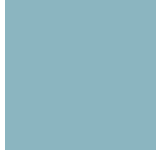
Monochromacy



Original Color
85, 201, 230



Achromatopsia
170, 170, 170



Achromatomaly
139, 181, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 85, 201, 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(85, 201, 230) looks like.

```
.text, #text, p{  
    color:rgb(85, 201, 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(85, 201, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 201, 230) }
```

Border

The CSS property to change the border of an element to RGB 85, 201, 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(85, 201, 230) }
```

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

```
.border{ border-color:rgb(85, 201, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 201, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 201, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 201, 230);  
box-shadow:4px 4px 4px 4px rgb(85, 201,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 85, 201, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 201, 230) }
```

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

```
.background{ background-color: rgb(85, 201,  
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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