

Converting Colors

RGB(91, 205, 234)

Have a look what the booklet for
RGB(91, 205, 234) contains.

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Color

RGB(91, 205, 234)

Conversions

Conversions Part 1

Format	Color
Hex	5BCDEA
RGB	91, 205, 234
RGB Percent	36%, 80%, 92%
CMY	0.6431, 0.1961, 0.0824
CMYK	0.61, 0.12, 0.00, 0.08
HSL	192°, 77%, 64%
HSV	192°, 61%, 92%
XYZ	40.9970, 51.8273, 85.6848
YIQ	174.2200, -77.2530, -15.1490

Conversions

Conversions Part 2

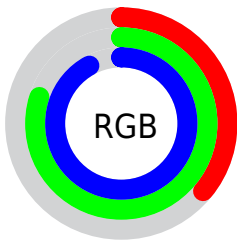
Format	Color
RYB	91, 154, 234
Decimal	6016490
CIELab	77.18, -23.85, -24.00
CIElCh	77, 33.830, 225.182
Yxy	51.8273, 0.2297, 0.2903
Android (android.graphics.Color)	4284206570 (0xFF5BCDEA)
YUV	174.2200, 29.4715, -72.9839
Hunter-Lab	71.9912, -24.3338, -20.1739

Details

The RGB color **91, 205, 234** 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 **234, 120, 91**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **153, 255, 255**, and **0, 151, 178** is the 20% darker color. If you saturate the color by 10%, you get **68, 200, 234**, and if you desaturate by 10%, it is **114, 210, 234**.

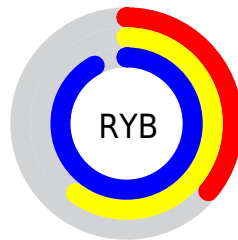
Distribution



Red (36%)

Green (80%)

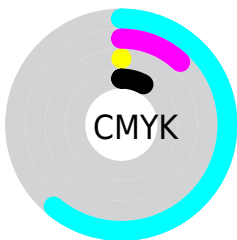
Blue (92%)



Red (36%)

Yellow (60%)

Blue (92%)

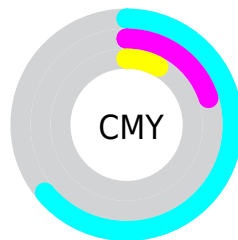


Cyan (61%)

Magenta (12%)

Yellow (0%)

Black (8%)



Cyan (64%)

















Magenta (20%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 91, 205, 234 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 91, 205, 234 by changing the saturation by 10% instead.

 91, 205, 234	 91, 205, 234
 255, 255, 255	 55, 177, 206
 153, 255, 255	 0, 151, 178
 183, 255, 255	 0, 124, 151
 214, 255, 255	 0, 99, 125
 244, 255, 255	 0, 75, 100
	 0, 52, 76
	 0, 32, 53
	 0, 2, 32
	 0, 0, 5

■ 91, 205, 234

■ 91, 205, 234

■ 68, 200, 234

■ 114, 210, 234

■ 44, 196, 234

■ 138, 214, 234

■ 21, 191, 234

■ 161, 219, 234

■ 0, 187, 234

■ 185, 224, 234

■ 208, 229, 234

■ 231, 233, 234

■ 255, 238, 234

■ 255, 243, 234

■ 255, 248, 234

Harmonies

Analogous

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



93, 208, 206



91, 205, 234



126, 198, 250

Triad

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



91, 205, 234



243, 169, 207



196, 194, 130

Complementary

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



91, 205, 234



234, 120, 91

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.



226, 183, 130



91, 205, 234



253, 167, 176

Square

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



91, 205, 234



215, 177, 235



247, 173, 148



161, 202, 146

Rectangle

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



91, 205, 234



157, 192, 253



247, 173, 148



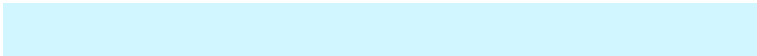
207, 190, 128

Sweetspot

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



91, 205, 234



209, 246, 255



91, 234, 120



99, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



91, 205, 234



69, 217, 255



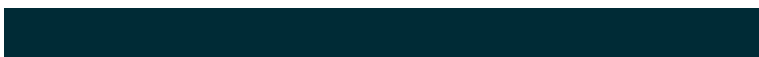
91, 134, 234



106, 115, 117



0, 144, 181



0, 43, 54

Inverse Universe

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



234, 91, 205



255, 69, 217



234, 191, 91



117, 106, 115



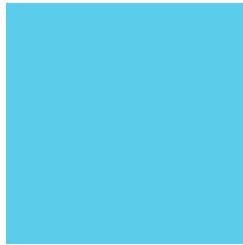
181, 0, 144



54, 0, 43

Previews

White Background



This preview shows how the RGB color 91, 205, 234 looks on a white background.

Color Contrast Check

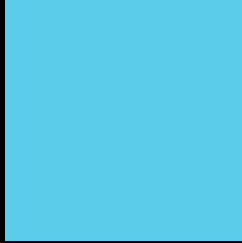
Large Text (above 18pt) WCAG AA × Fail

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 91, 205, 234 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 91, 205, 234 Background



This preview shows how black text looks on a background with the RGB color 91, 205, 234.



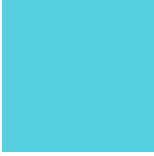
This preview shows how white text looks on a background with the RGB color 91, 205, 234.

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



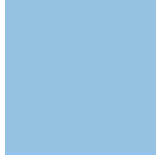


Tritanopia
86, 207, 224

Trichromacy



Original Color
91, 205, 234



Protanomaly
150, 194, 226



Deuteranomaly
149, 193, 237

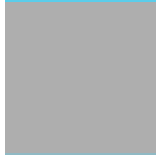


Tritanomaly
88, 206, 228

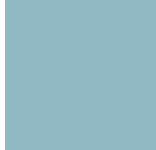
Monochromacy



Original Color
91, 205, 234



Achromatopsia
174, 174, 174



Achromatomaly
144, 185, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 91, 205, 234 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(91, 205, 234) looks like.

```
.text, #text, p{  
    color:rgb(91, 205, 234)  
}
```

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(91, 205, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 205, 234) }
```

Border

The CSS property to change the border of an element to RGB 91, 205, 234 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(91, 205, 234) }
```

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

```
.border{ border-color:rgb(91, 205, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 205, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 205, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 205, 234);  
box-shadow:4px 4px 4px 4px rgb(91, 205,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 91, 205, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 205, 234) }
```

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

```
.background{ background-color: rgb(91, 205,  
234) }
```

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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