

Converting Colors

RGB(91, 227, 244)

Have a look what the booklet for
RGB(91, 227, 244) contains.

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Color

RGB(91, 227, 244)

Conversions

Conversions Part 1

Format	Color
Hex	5BE3F4
RGB	91, 227, 244
RGB Percent	36%, 89%, 96%
CMY	0.6431, 0.1098, 0.0431
CMYK	0.63, 0.07, 0.00, 0.04
HSL	187°, 87%, 66%
HSV	187°, 63%, 96%
XYZ	48.1126, 63.6940, 95.3463
YIQ	188.2740, -86.5130, -23.5450

Conversions

Conversions Part 2

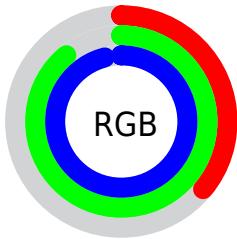
Format	Color
RYB	91, 163, 244
Decimal	6022132
CIELab	83.81, -31.72, -19.26
CIElCh	84, 37.107, 211.273
Yxy	63.6940, 0.2323, 0.3075
Android (android.graphics.Color)	4284212212 (0xFF5BE3F4)
YUV	188.2740, 27.4729, -85.3093
Hunter-Lab	79.8085, -32.0560, -14.9671

Details

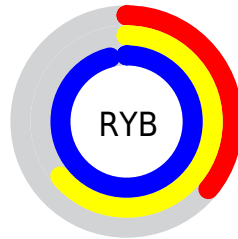
The RGB color **91, 227, 244** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **244, 108, 91**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **156, 255, 255**, and **0, 171, 188** is the 20% darker color. If you saturate the color by 10%, you get **67, 224, 244**, and if you desaturate by 10%, it is **115, 230, 244**.

Distribution



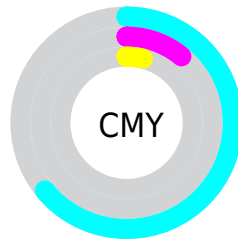
- Red (36%)
- Green (89%)
- Blue (96%)



- Red (36%)
- Yellow (64%)
- Blue (96%)



- Cyan (63%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



















- Cyan (64%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 91, 227, 244 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, 227, 244 by changing the saturation by 10% instead.

 91, 227, 244	 91, 227, 244
 255, 255, 255	 52, 199, 216
 156, 255, 255	 0, 171, 188
 187, 255, 255	 0, 144, 161
 217, 255, 255	 0, 118, 135
 248, 255, 255	 0, 93, 109
	 0, 69, 85
	 0, 46, 62
	 0, 23, 40
	 0, 1, 19

■ 91, 227, 244

■ 91, 227, 244

■ 67, 224, 244

■ 115, 230, 244

■ 42, 222, 244

■ 140, 232, 244

■ 18, 219, 244

■ 164, 235, 244

■ 0, 217, 244

■ 189, 238, 244

■ 213, 241, 244

■ 237, 243, 244

■ 255, 246, 244

■ 255, 249, 244

■ 255, 251, 244

Harmonies

Analogous

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



114, 228, 209



91, 227, 244



114, 221, 255

Triad

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



91, 227, 244



255, 188, 243



232, 207, 139

Complementary

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



91, 227, 244



244, 108, 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.



255, 195, 149



91, 227, 244



255, 183, 209

Square

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



91, 227, 244



216, 199, 255



255, 186, 174



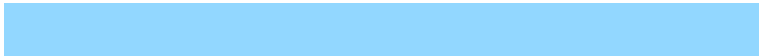
195, 218, 148

Rectangle

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



91, 227, 244



146, 215, 255



255, 186, 174



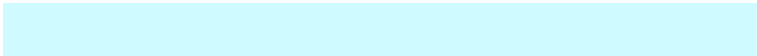
243, 203, 140

Sweetspot

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



91, 227, 244



207, 250, 255



91, 244, 106



98, 124, 128



0, 0, 0



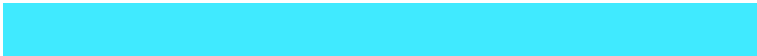
128, 128, 128

Same Dimension

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



91, 227, 244



64, 234, 255



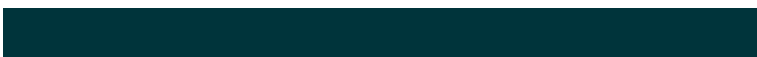
91, 152, 244



110, 121, 122



0, 165, 186



0, 52, 59

Inverse Universe

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



244, 91, 227



255, 64, 234



244, 183, 91



122, 110, 121



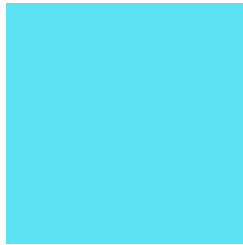
186, 0, 165



59, 0, 52

Previews

White Background



This preview shows how the RGB color 91, 227, 244 looks on a white background.

Color Contrast Check

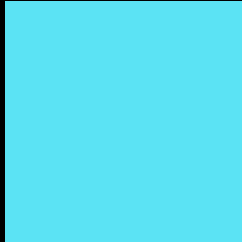
Large Text (above 18pt) WCAG AA × Fail

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, 227, 244 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, 227, 244 Background



This preview shows how black text looks on a background with the RGB color 91, 227, 244.



This preview shows how white text looks on a background with the RGB color 91, 227, 244.

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





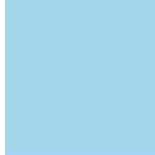
Tritanopia
92, 227, 245

Trichromacy



Original Color

91, 227, 244



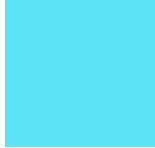
Protanomaly

163, 214, 235



Deuteranomaly

165, 212, 247



Tritanomaly

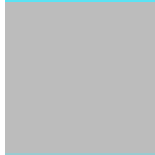
92, 227, 245

Monochromacy



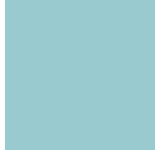
Original Color

91, 227, 244



Achromatopsia

188, 188, 188



Achromatomaly

153, 202, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 91, 227, 244 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, 227, 244)` looks like.

```
.text, #text, p{  
    color:rgb(91, 227, 244)  
}
```

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, 227, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 227, 244) }
```

Border

The CSS property to change the border of an element to RGB 91, 227, 244 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, 227, 244) }
```

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

```
.border{ border-color:rgb(91, 227, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 227, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 227, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 227, 244);  
box-shadow:4px 4px 4px 4px rgb(91, 227,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 91, 227, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 227, 244) }
```

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

```
.background{ background-color: rgb(91, 227,  
244) }
```

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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