

Converting Colors

RGB(91, 241, 233)

Have a look what the booklet for
RGB(91, 241, 233) contains.

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Color

RGB(91, 241, 233)

Conversions

Conversions Part 1

Format	Color
Hex	5BF1E9
RGB	91, 241, 233
RGB Percent	36%, 95%, 91%
CMY	0.6431, 0.0549, 0.0863
CMYK	0.62, 0.00, 0.03, 0.05
HSL	177°, 84%, 65%
HSV	177°, 62%, 95%
XYZ	50.4777, 71.0179, 88.1382
YIQ	195.2380, -86.8320, -34.2880

Conversions

Conversions Part 2

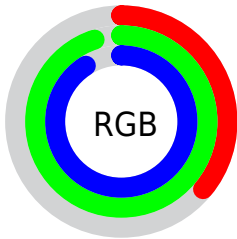
Format	Color
R_{YB}	91, 168, 241
Decimal	6025705
CIE _{Lab}	87.49, -41.19, -7.96
CIE _{LCh}	87, 41.947, 190.934
Yxy	71.0179, 0.2408, 0.3388
Android (android.graphics.Color)	4284215785 (0xFF5BF1E9)
YUV	195.2380, 18.6167, -91.4167
Hunter-Lab	84.2721, -40.5576, -3.0195

Details

The RGB color **91, 241, 233** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **241, 91, 99**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **156, 255, 255**, and **0, 184, 177** is the 20% darker color. If you saturate the color by 10%, you get **67, 241, 232**, and if you desaturate by 10%, it is **115, 241, 234**.

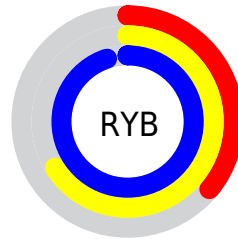
Distribution



Red (36%)

Green (95%)

Blue (91%)



Red (36%)

Yellow (66%)

Blue (95%)

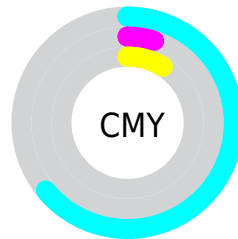


Cyan (62%)

Magenta (0%)

Yellow (3%)

Black (5%)



Cyan (64%)

















Magenta (5%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 91, 241, 233 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, 241, 233 by changing the saturation by 10% instead.

 91, 241, 233	 91, 241, 233
 255, 255, 255	 52, 212, 205
 156, 255, 255	 0, 184, 177
 187, 255, 255	 0, 157, 151
 218, 255, 255	 0, 130, 125
 249, 255, 255	 0, 104, 100
	 0, 79, 76
	 0, 55, 54
	 0, 34, 32
	 0, 0, 9

■ 91, 241, 233

■ 91, 241, 233

■ 67, 241, 232

■ 115, 241, 234

■ 43, 241, 230

■ 139, 241, 236

■ 19, 241, 229

■ 163, 241, 237

■ 0, 241, 228

■ 187, 241, 238

■ 211, 241, 239

■ 236, 241, 241

■ 255, 241, 242

■ 255, 241, 243

■ 255, 241, 245

Harmonies

Analogous

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



139, 239, 192



91, 241, 233



74, 238, 255

Triad

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



91, 241, 233



243, 204, 255



255, 208, 144

Complementary

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



91, 241, 233



241, 91, 99

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, 169



91, 241, 233



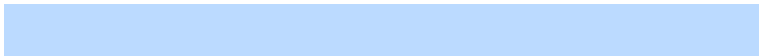
255, 192, 246

Square

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



91, 241, 233



187, 218, 255



255, 189, 206



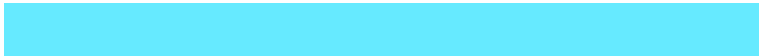
232, 222, 140

Rectangle

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



91, 241, 233



102, 234, 255



255, 189, 206



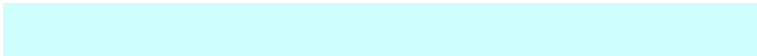
255, 203, 151

Sweetspot

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



91, 241, 233



207, 255, 252



101, 241, 91



98, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



91, 241, 233



64, 255, 245



91, 176, 241



108, 120, 119



0, 184, 174



0, 56, 53

Inverse Universe

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



241, 91, 99



255, 64, 74



241, 156, 91



120, 108, 109



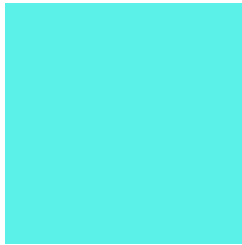
184, 0, 10



56, 0, 3

Previews

White Background



This preview shows how the RGB color 91, 241, 233 looks on a white background.

Color Contrast Check

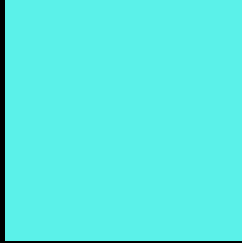
Large Text (above 18pt) WCAG AA × Fail

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, 241, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

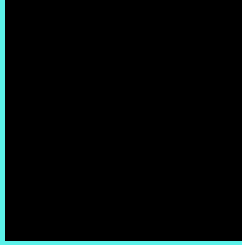
Any Text WCAG AA ✓ Pass

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, 241, 233 Background



This preview shows how black text looks on a background with the RGB color 91, 241, 233.



This preview shows how white text looks on a background with the RGB color 91, 241, 233.

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
111, 237, 255

Trichromacy



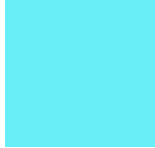
Original Color
91, 241, 233



Protanomaly
174, 225, 223



Deuteranomaly
179, 223, 237

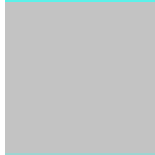


Tritanomaly
104, 238, 247

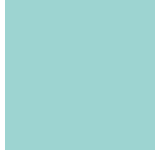
Monochromacy



Original Color
91, 241, 233



Achromatopsia
195, 195, 195



Achromatomaly
157, 212, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 91, 241, 233 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, 241, 233)` looks like.

```
.text, #text, p{  
    color:rgb(91, 241, 233)  
}
```

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, 241, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 241, 233) }
```

Border

The CSS property to change the border of an element to RGB 91, 241, 233 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, 241, 233) }
```

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

```
.border{ border-color:rgb(91, 241, 233) }
```

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

Here you see how a box with a 4 pixel rgb(91, 241, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 241, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 241, 233);  
box-shadow:4px 4px 4px 4px rgb(91, 241,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 91, 241, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 241, 233) }
```

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

```
.background{ background-color: rgb(91, 241,  
233) }
```

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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