

Converting Colors

RGB(107, 233, 255)

Have a look what the booklet for
RGB(107, 233, 255) contains.

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Color

RGB(107, 233, 255)

Conversions

Conversions Part 1

Format	Color
Hex	6BE9FF
RGB	107, 233, 255
RGB Percent	42%, 91%, 100%
CMY	0.5804, 0.0863, 0.0000
CMYK	0.58, 0.09, 0.00, 0.00
HSL	189°, 100%, 71%
HSV	189°, 58%, 100%
XYZ	53.2523, 68.6236, 105.0467
YIQ	197.8340, -82.1580, -19.8700

Conversions

Conversions Part 2

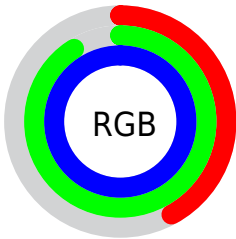
Format	Color
RYB	107, 175, 255
Decimal	7072255
CIELab	86.32, -28.83, -21.21
CIELCh	86, 35.792, 216.349
Yxy	68.6236, 0.2347, 0.3024
Android (android.graphics.Color)	4285262335 (0xFF6BE9FF)
YUV	197.8340, 28.1828, -79.6614
Hunter-Lab	82.8394, -30.2223, -17.1967

Details

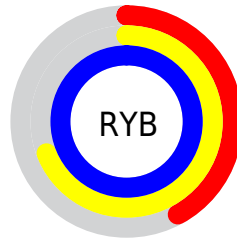
The RGB color **107, 233, 255** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **255, 129, 107**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **170, 255, 255**, and **25, 177, 198** is the 20% darker color. If you saturate the color by 10%, you get **82, 229, 255**, and if you desaturate by 10%, it is **133, 237, 255**.

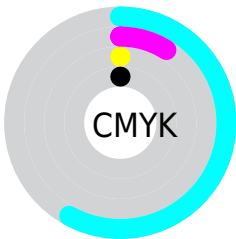
Distribution



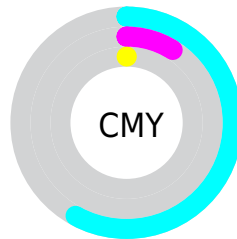
- Red (42%)
- Green (91%)
- Blue (100%)



- Red (42%)
- Yellow (69%)
- Blue (100%)



- Cyan (58%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 107, 233, 255 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 107, 233, 255 by changing the saturation by 10% instead.


 107, 233, 255

 107, 233, 255

255, 255, 255

 73, 205, 226

 170, 255, 255

 25, 177, 198

 200, 255, 255

 0, 150, 171

 231, 255, 255

 0, 124, 144

 0, 99, 119

 0, 74, 94

 0, 51, 70

 0, 32, 48

 0, 1, 27

■ 107, 233, 255

■ 107, 233, 255

■ 82, 229, 255

■ 133, 237, 255

■ 56, 225, 255

■ 158, 241, 255

■ 31, 222, 255

■ 184, 244, 255

■ 5, 218, 255

■ 209, 248, 255

■ 0, 217, 255

■ 235, 252, 255

255, 255, 255

Harmonies

Analogous

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



120, 235, 222



107, 233, 255



134, 227, 255

Triad

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



107, 233, 255



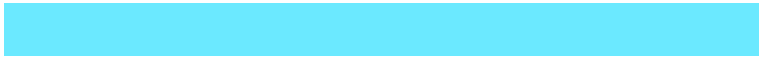
255, 195, 244



233, 216, 148

Complementary

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



107, 233, 255



255, 129, 107

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, 205, 155



107, 233, 255



255, 191, 210

Square

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



107, 233, 255



230, 205, 255



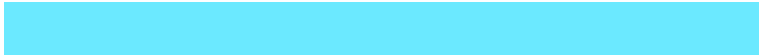
255, 195, 177



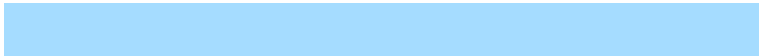
196, 226, 160

Rectangle

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



107, 233, 255



165, 220, 255



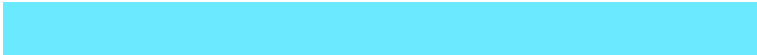
255, 195, 177



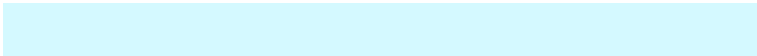
244, 212, 148

Sweetspot

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



107, 233, 255



212, 249, 255



107, 255, 127



102, 124, 128



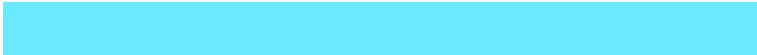
0, 0, 0



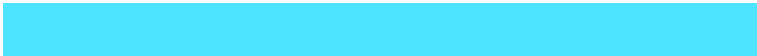
128, 128, 128

Same Dimension

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



107, 233, 255



77, 228, 255



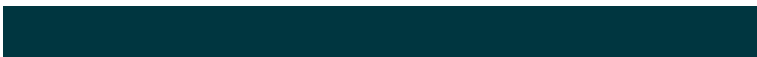
107, 161, 255



115, 126, 128



0, 163, 191



0, 54, 64

Inverse Universe

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



255, 107, 233



255, 77, 228



255, 201, 107



128, 115, 126



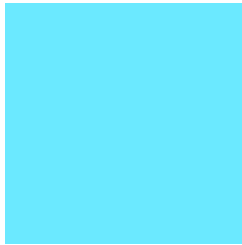
191, 0, 163



64, 0, 54

Previews

White Background



This preview shows how the RGB color 107, 233, 255 looks on a white background.

Color Contrast Check

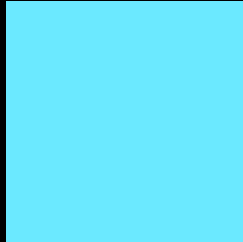
Large Text (above 18pt) WCAG AA × Fail

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 107, 233, 255 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 107, 233, 255 Background



This preview shows how black text looks on a background with the RGB color 107, 233, 255.

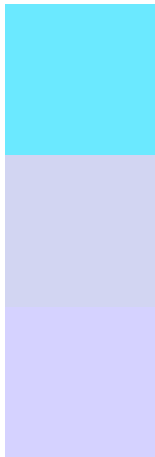


This preview shows how white text looks on a background with the RGB color 107, 233, 255.

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](#).

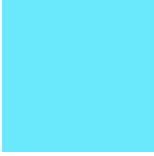
Dichromacy



Original Color
107, 233, 255

Protanopia
210, 213, 242

Deuteranopia
213, 210, 255



Tritanopia
106, 233, 252

Trichromacy



Original Color

107, 233, 255



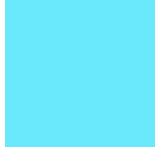
Protanomaly

173, 220, 247



Deuteranomaly

174, 218, 255



Tritanomaly

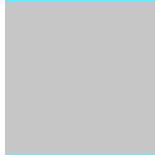
106, 233, 253

Monochromacy



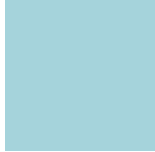
Original Color

107, 233, 255



Achromatopsia

198, 198, 198



Achromatomaly

165, 211, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 107, 233, 255 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(107, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(107, 233, 255)  
}
```

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(107, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 233, 255) }
```

Border

The CSS property to change the border of an element to RGB 107, 233, 255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

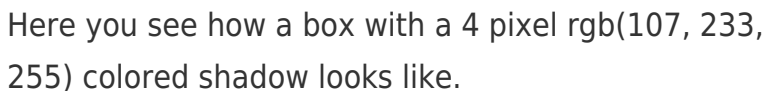
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 233, 255) }
```

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

```
.border{ border-color:rgb(107, 233, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(107, 233,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 107, 233, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 233, 255) }
```

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

```
.background{ background-color: rgb(107,  
233, 255) }
```

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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