

Converting Colors

RGB(119, 255, 229)

Have a look what the booklet for
RGB(119, 255, 229) contains.

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Color

RGB(119, 255, 229)

Conversions

Conversions Part 1

Format	Color
Hex	77FFE5
RGB	119, 255, 229
RGB Percent	47%, 100%, 90%
CMY	0.5333, 0.0000, 0.1020
CMYK	0.53, 0.00, 0.10, 0.00
HSL	169°, 100%, 73%
HSV	169°, 53%, 100%
XYZ	57.5106, 81.0991, 86.7513
YIQ	211.3720, -72.7100, -36.9180

Conversions

Conversions Part 2

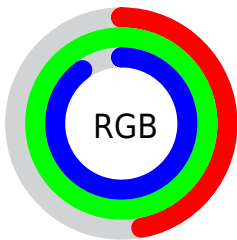
Format	Color
RYB	119, 194, 255
Decimal	7864293
CIELab	92.18, -43.37, 1.10
CIElCh	92, 43.387, 178.548
Yxy	81.0991, 0.2552, 0.3599
Android (android.graphics.Color)	4286054373 (0xFF77FFE5)
YUV	211.3720, 8.6906, -81.0102
Hunter-Lab	90.0550, -43.6033, 5.9236

Details

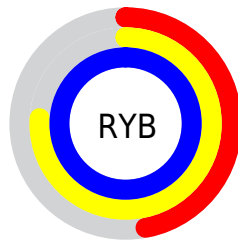
The RGB color **119, 255, 229** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **255, 119, 145**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **180, 255, 255**, and **50, 198, 174** is the 20% darker color. If you saturate the color by 10%, you get **94, 255, 224**, and if you desaturate by 10%, it is **145, 255, 234**.

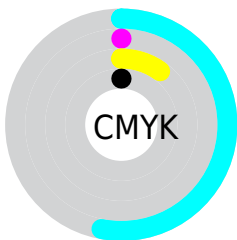
Distribution



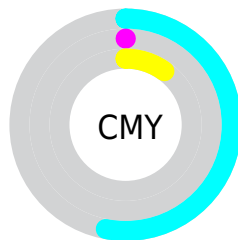
- Red (47%)
- Green (100%)
- Blue (90%)



- Red (47%)
- Yellow (76%)
- Blue (100%)



- Cyan (53%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (53%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 255, 229 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 119, 255, 229 by changing the saturation by 10% instead.

 119, 255, 229

255, 255, 255


 180, 255, 255


 210, 255, 255

 241, 255, 255


 119, 255, 229


 87, 226, 201

 50, 198, 174

 0, 170, 147

 0, 143, 121

 0, 117, 97

 0, 91, 73

 0, 66, 50

 0, 44, 29

 0, 15, 5

 119, 255, 229

 119, 255, 229

 94, 255, 224

 145, 255, 234


 68, 255, 219

 170, 255, 239

 42, 255, 214

 195, 255, 244

 17, 255, 209

 221, 255, 249

 0, 255, 206

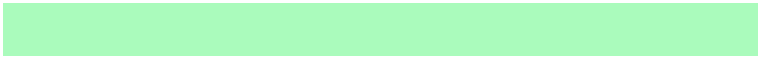
 247, 255, 253

255, 255, 255

Harmonies

Analogous

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



170, 251, 188



119, 255, 229



82, 254, 255

Triad

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



119, 255, 229



235, 223, 255



255, 215, 163

Complementary

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



119, 255, 229



255, 119, 145

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, 204, 195



119, 255, 229



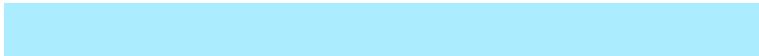
255, 208, 255

Square

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



119, 255, 229



171, 237, 255



255, 201, 236



255, 229, 149

Rectangle

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



119, 255, 229



91, 251, 255



255, 201, 236



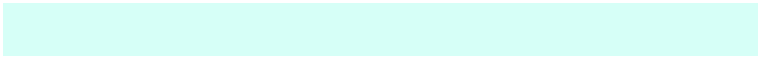
255, 211, 172

Sweetspot

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



119, 255, 229



214, 255, 247



146, 255, 119



103, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

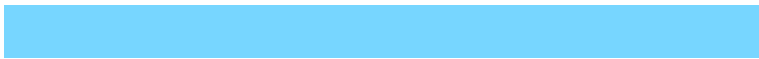
The Same Dimension uses a secret algorithm to generate beautiful new colors.



119, 255, 229



92, 255, 224



119, 214, 255



115, 128, 125



0, 191, 155



0, 64, 52

Inverse Universe

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



255, 119, 145



255, 92, 123



255, 160, 119



128, 115, 117



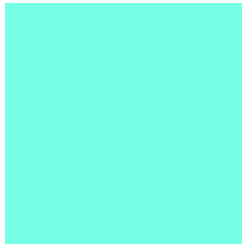
191, 0, 37



64, 0, 12

Previews

White Background



This preview shows how the RGB color 119, 255, 229 looks on a white background.

Color Contrast Check

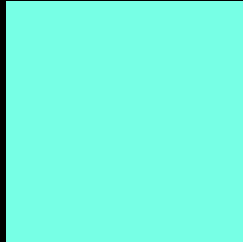
Large Text (above 18pt) WCAG AA × Fail

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 119, 255, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

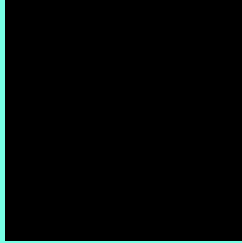
Any Text WCAG AA ✓ Pass

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 119, 255, 229 Background



This preview shows how black text looks on a background with the RGB color 119, 255, 229.

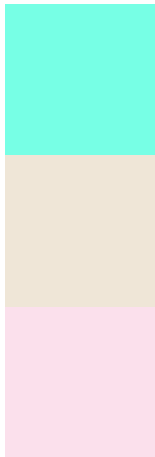


This preview shows how white text looks on a background with the RGB color 119, 255, 229.

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
119, 255, 229

Protanopia
239, 230, 215

Deuteranopia
251, 224, 236



Tritanopia
179, 242, 255

Trichromacy



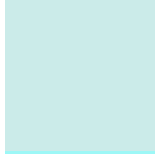
Original Color

119, 255, 229



Protanomaly

195, 239, 220



Deuteranomaly

203, 235, 233



Tritanomaly

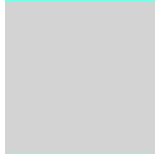
157, 247, 246

Monochromacy



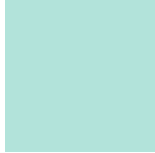
Original Color

119, 255, 229



Achromatopsia

211, 211, 211



Achromatomaly

178, 227, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 255, 229 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(119, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(119, 255, 229)  
}
```

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(119, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 255, 229) }
```

Border

The CSS property to change the border of an element to RGB 119, 255, 229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

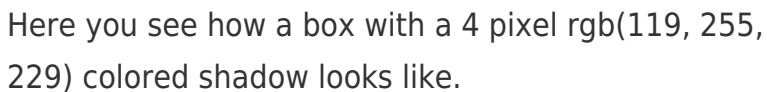
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 255, 229) }
```

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

```
.border{ border-color:rgb(119, 255, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 255, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 255, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 255, 229); box-shadow:4px 4px 4px 4px rgb(119, 255, 229) }
```

Background

The CSS property to change the background color of an element to RGB 119, 255, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 255, 229) }
```

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

```
.background{ background-color: rgb(119,  
255, 229) }
```

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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