

Converting Colors

RGB(119, 227, 255)

Have a look what the booklet for
RGB(119, 227, 255) contains.

RGB(119, 227, 255)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(119, 227, 255)

Conversions

Conversions Part 1

Format	Color
Hex	77E3FF
RGB	119, 227, 255
RGB Percent	47%, 89%, 100%
CMY	0.5333, 0.1098, 0.0000
CMYK	0.53, 0.11, 0.00, 0.00
HSL	192°, 100%, 73%
HSV	192°, 53%, 100%
XYZ	53.1268, 66.0801, 104.5624
YIQ	197.9000, -73.3560, -14.1880

Conversions

Conversions Part 2

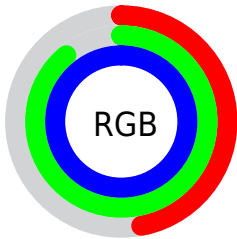
Format	Color
R_{YB}	119, 179, 255
Decimal	7857151
CIE _{Lab}	85.04, -23.63, -23.12
CIE _{LCh}	85, 33.060, 224.366
Yxy	66.0801, 0.2374, 0.2953
Android (android.graphics.Color)	4286047231 (0xFF77E3FF)
YUV	197.9000, 28.1503, -69.1953
Hunter-Lab	81.2897, -25.5983, -19.3616

Details

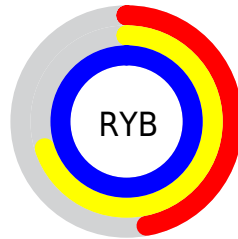
The RGB color **119, 227, 255** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **255, 147, 119**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **179, 255, 255**, and **52, 171, 198** is the 20% darker color. If you saturate the color by 10%, you get **94, 222, 255**, and if you desaturate by 10%, it is **145, 232, 255**.

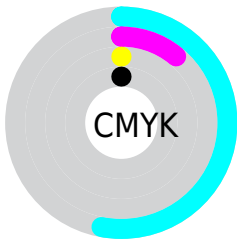
Distribution



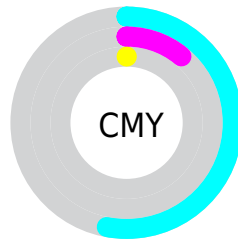
- Red (47%)
- Green (89%)
- Blue (100%)



- Red (47%)
- Yellow (70%)
- Blue (100%)



- Cyan (53%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 227, 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 119, 227, 255 by changing the saturation by 10% instead.

 119, 227, 255


255, 255, 255


 179, 255, 255

 210, 255, 255


 240, 255, 255

 119, 227, 255

 87, 199, 226

 52, 171, 198

 0, 145, 171

 0, 119, 144

 0, 94, 119

 0, 70, 94

 0, 47, 70

 0, 28, 48

 0, 1, 27

■ 119, 227, 255

■ 119, 227, 255

■ 94, 222, 255

■ 145, 232, 255

■ 68, 216, 255

■ 170, 237, 255

■ 42, 211, 255

■ 195, 243, 255

■ 17, 206, 255

■ 221, 248, 255

■ 0, 202, 255

■ 247, 253, 255

255, 255, 255

Harmonies

Analogous

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



121, 230, 227



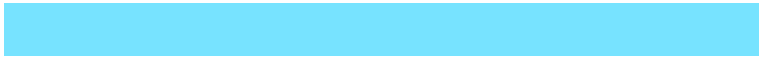
119, 227, 255



150, 220, 255

Triad

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



119, 227, 255



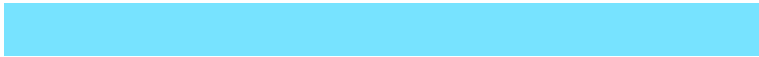
255, 191, 230



219, 215, 151

Complementary

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



119, 227, 255



255, 147, 119

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.



249, 205, 153



119, 227, 255



255, 190, 198

Square

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



119, 227, 255



236, 199, 255



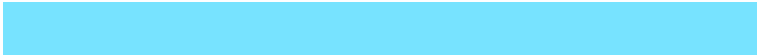
255, 195, 170



184, 224, 167

Rectangle

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



119, 227, 255



179, 214, 255



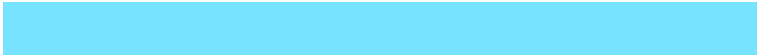
255, 195, 170



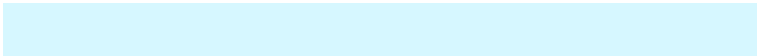
230, 212, 150

Sweetspot

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



119, 227, 255



214, 247, 255



119, 255, 146



103, 123, 128



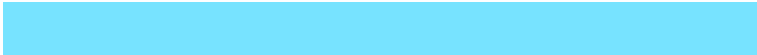
0, 0, 0



128, 128, 128

Same Dimension

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



119, 227, 255



92, 221, 255



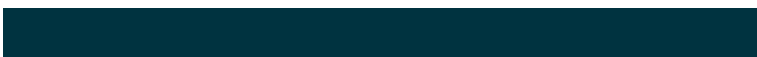
119, 160, 255



115, 125, 128



0, 152, 191



0, 51, 64

Inverse Universe

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



255, 119, 227



255, 92, 221



255, 214, 119



128, 115, 125



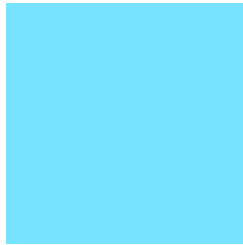
191, 0, 152



64, 0, 51

Previews

White Background



This preview shows how the RGB color 119, 227, 255 looks on a white background.

Color Contrast Check

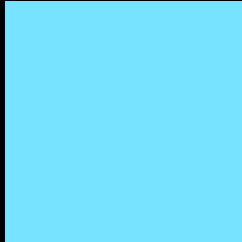
Large Text (above 18pt) WCAG AA × Fail

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 119, 227, 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 119, 227, 255 Background



This preview shows how black text looks on a background with the RGB color 119, 227, 255.

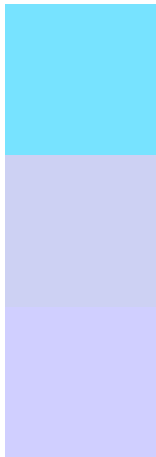


This preview shows how white text looks on a background with the RGB color 119, 227, 255.

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
119, 227, 255

Protanopia
205, 209, 243

Deuteranopia
208, 207, 255



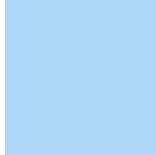
Tritanopia
116, 228, 247

Trichromacy



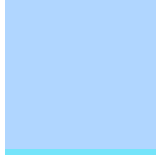
Original Color

119, 227, 255



Protanomaly

174, 216, 247



Deuteranomaly

176, 214, 255



Tritanomaly

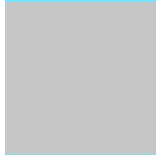
117, 228, 250

Monochromacy



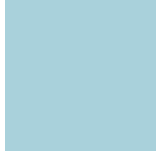
Original Color

119, 227, 255



Achromatopsia

198, 198, 198



Achromatomaly

169, 209, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 227, 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(119, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(119, 227, 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(119, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 227, 255) }
```

Border

The CSS property to change the border of an element to RGB 119, 227, 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(119, 227, 255) }
```

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

```
.border{ border-color:rgb(119, 227, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(119, 227,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 119, 227, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 227, 255) }
```

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

```
.background{ background-color: rgb(119,  
227, 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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