

Converting Colors

RGB(128, 227, 255)

Have a look what the booklet for
RGB(128, 227, 255) contains.

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Color

RGB(128, 227, 255)

Conversions

Conversions Part 1

Format	Color
Hex	80E3FF
RGB	128, 227, 255
RGB Percent	50%, 89%, 100%
CMY	0.4980, 0.1098, 0.0000
CMYK	0.50, 0.11, 0.00, 0.00
HSL	193°, 100%, 75%
HSV	193°, 50%, 100%
XYZ	54.4212, 66.7474, 104.6230
YIQ	200.5910, -67.9920, -12.2800

Conversions

Conversions Part 2

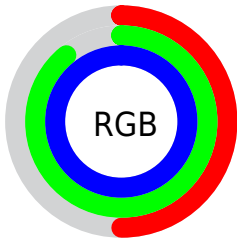
Format	Color
RYB	128, 184, 255
Decimal	8446975
CIELab	85.38, -21.78, -22.57
CIELCh	85, 31.363, 226.025
Yxy	66.7474, 0.2410, 0.2956
Android (android.graphics.Color)	4286637055 (0xFF80E3FF)
YUV	200.5910, 26.8236, -63.6623
Hunter-Lab	81.6991, -24.0714, -18.7368

Details

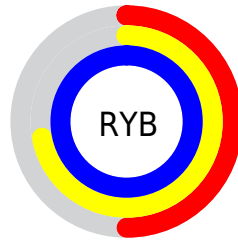
The RGB color **128, 227, 255** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **255, 156, 128**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **187, 255, 255**, and **65, 171, 198** is the 20% darker color. If you saturate the color by 10%, you get **103, 221, 255**, and if you desaturate by 10%, it is **154, 233, 255**.

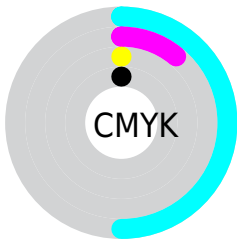
Distribution



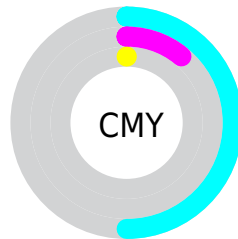
- Red (50%)
- Green (89%)
- Blue (100%)



- Red (50%)
- Yellow (72%)
- Blue (100%)



- Cyan (50%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 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 128, 227, 255 by changing the saturation by 10% instead.

 128, 227, 255


255, 255, 255


 187, 255, 255


 217, 255, 255

 248, 255, 255

 128, 227, 255

 98, 199, 226

 65, 171, 198

 22, 145, 171


 0, 119, 144

 0, 94, 119

 0, 70, 94

 0, 47, 70

 0, 29, 48

 0, 1, 27

■ 128, 227, 255

■ 128, 227, 255

■ 103, 221, 255

■ 154, 233, 255

■ 77, 216, 255

■ 179, 238, 255

■ 51, 210, 255

■ 205, 244, 255

■ 26, 205, 255

■ 230, 249, 255

■ 0, 199, 255

255, 255, 255

■ 0, 199, 255

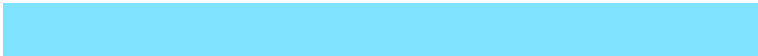
Harmonies

Analogous

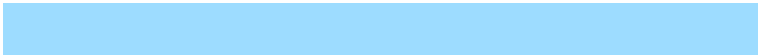
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



128, 230, 229



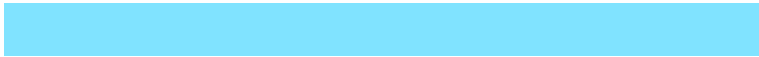
128, 227, 255



157, 220, 255

Triad

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



128, 227, 255



255, 193, 228



218, 217, 156

Complementary

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



128, 227, 255



255, 156, 128

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.



248, 207, 156



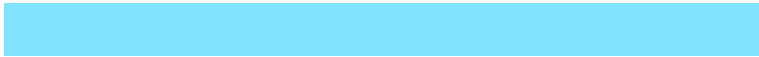
128, 227, 255



255, 192, 198

Square

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



128, 227, 255



237, 200, 255



255, 197, 172



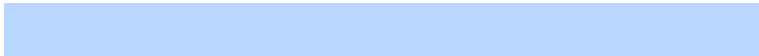
185, 224, 171

Rectangle

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



128, 227, 255



185, 214, 255



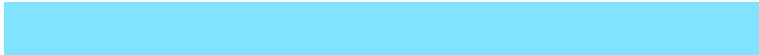
255, 197, 172



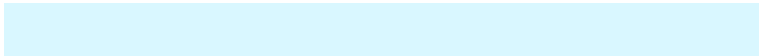
229, 213, 154

Sweetspot

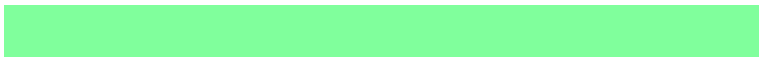
The Sweet Spot groups the original color and five complimentary colors.



128, 227, 255



217, 247, 255



128, 255, 156



105, 122, 128



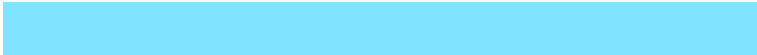
0, 0, 0



128, 128, 128

Same Dimension

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



128, 227, 255



102, 221, 255



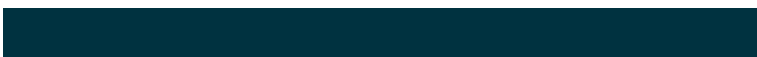
128, 164, 255



115, 125, 128



0, 149, 191



0, 50, 64

Inverse Universe

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



255, 128, 227



255, 102, 221



255, 219, 128



128, 115, 125



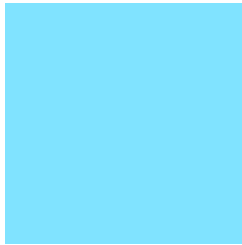
191, 0, 149



64, 0, 50

Previews

White Background



This preview shows how the RGB color 128, 227, 255 looks on a white background.

Color Contrast Check

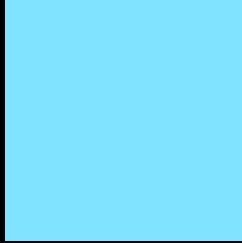
Large Text (above 18pt) WCAG AA × Fail

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 128, 227, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

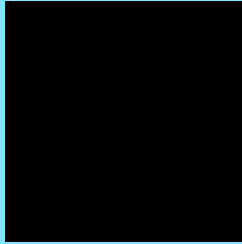
Any Text WCAG AA ✓ Pass

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 128, 227, 255 Background



This preview shows how black text looks on a background with the RGB color 128, 227, 255.



This preview shows how white text looks on a background with the RGB color 128, 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





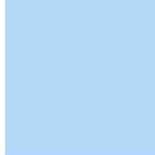
Tritanopia
125, 228, 247

Trichromacy



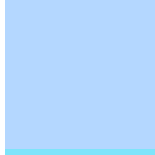
Original Color

128, 227, 255



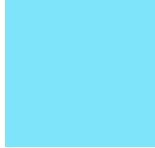
Protanomaly

178, 216, 248



Deuteranomaly

180, 215, 255



Tritanomaly

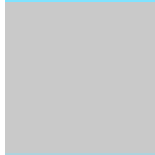
126, 228, 250

Monochromacy



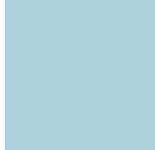
Original Color

128, 227, 255



Achromatopsia

201, 201, 201



Achromatomaly

174, 210, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 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(128, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(128, 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(128, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 227, 255) }
```

Border

The CSS property to change the border of an element to RGB 128, 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(128, 227, 255) }
```

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

```
.border{ border-color:rgb(128, 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(128, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(128, 227,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 128, 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(128, 227, 255) }
```

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

```
.background{ background-color: rgb(128,  
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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