

Converting Colors

RGB(166, 230, 255)

Have a look what the booklet for
RGB(166, 230, 255) contains.

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Color

RGB(166, 230, 255)

Conversions

Conversions Part 1

Format	Color
Hex	A6E6FF
RGB	166, 230, 255
RGB Percent	65%, 90%, 100%
CMY	0.3490, 0.0980, 0.0000
CMYK	0.35, 0.10, 0.00, 0.00
HSL	197°, 100%, 83%
HSV	197°, 35%, 100%
XYZ	62.0727, 71.9206, 105.2182
YIQ	213.7140, -46.1690, -5.7930

Conversions

Conversions Part 2

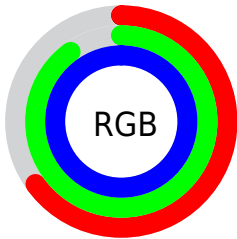
Format	Color
R _Y B	166, 203, 255
Decimal	10938111
CIE Lab	87.93, -14.17, -18.54
CIE LCh	88, 23.338, 232.601
Yxy	71.9206, 0.2595, 0.3007
Android (android.graphics.Color)	4289128191 (0xFFA6E6FF)
YUV	213.7140, 20.3540, -41.8452
Hunter-Lab	84.8060, -17.7597, -14.1965

Details

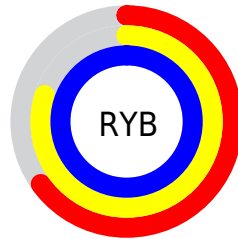
The RGB color **166, 230, 255** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **255, 191, 166**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **223, 255, 255**, and **110, 174, 198** is the 20% darker color. If you saturate the color by 10%, you get **141, 223, 255**, and if you desaturate by 10%, it is **192, 237, 255**.

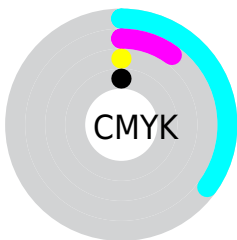
Distribution



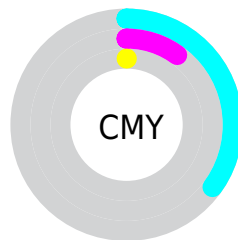
- Red (65%)
- Green (90%)
- Blue (100%)



- Red (65%)
- Yellow (80%)
- Blue (100%)



- Cyan (35%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 230, 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 166, 230, 255 by changing the saturation by 10% instead.


 166, 230, 255

 166, 230, 255


255, 255, 255


 138, 202, 226


 223, 255, 255

 110, 174, 198

253, 255, 255

 83, 148, 171

 55, 122, 144

 21, 97, 119

 0, 73, 94

 0, 51, 70

 0, 30, 48

 0, 1, 27

■ 166, 230, 255

■ 166, 230, 255

■ 141, 223, 255

■ 192, 237, 255

■ 115, 216, 255

■ 217, 244, 255

■ 90, 209, 255

■ 243, 251, 255

■ 64, 201, 255

255, 255, 255

■ 38, 194, 255

■ 13, 187, 255

■ 0, 183, 255

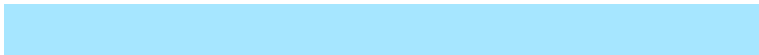
Harmonies

Analogous

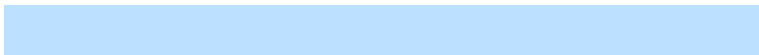
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



160, 233, 237



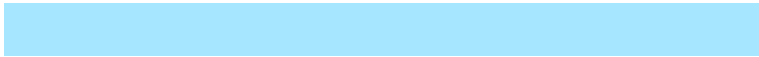
166, 230, 255



188, 224, 255

Triad

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



166, 230, 255



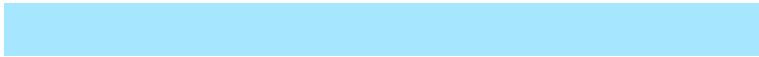
255, 205, 227



220, 224, 179

Complementary

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



166, 230, 255



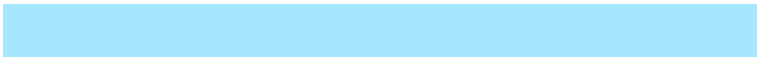
255, 191, 166

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.



243, 217, 177



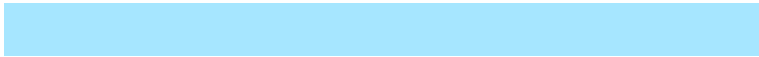
166, 230, 255



255, 206, 204

Square

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



166, 230, 255



244, 210, 248



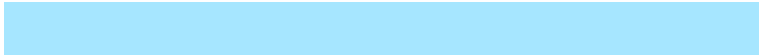
255, 210, 186



194, 230, 193

Rectangle

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



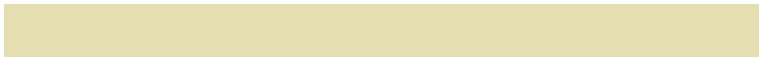
166, 230, 255



207, 219, 255



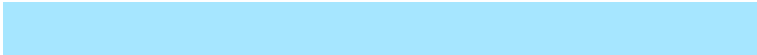
255, 210, 186



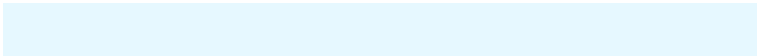
228, 222, 177

Sweetspot

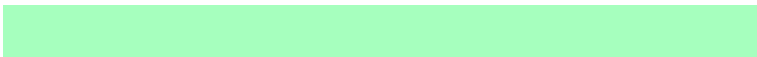
The Sweet Spot groups the original color and five complimentary colors.



166, 230, 255



230, 248, 255



166, 255, 190



112, 123, 128



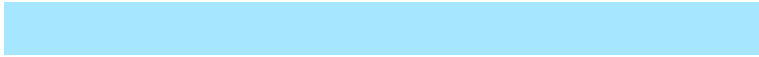
0, 0, 0



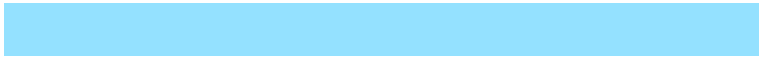
128, 128, 128

Same Dimension

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



166, 230, 255



148, 225, 255



166, 187, 255



115, 124, 128



0, 138, 191



0, 46, 64

Inverse Universe

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



255, 166, 230



255, 148, 225



255, 234, 166



128, 115, 124



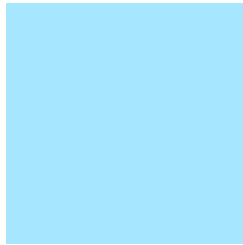
191, 0, 138



64, 0, 46

Previews

White Background



This preview shows how the RGB color 166, 230, 255 looks on a white background.

Color Contrast Check

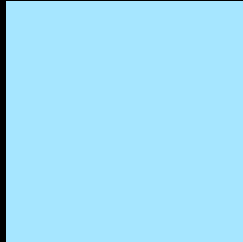
Large Text (above 18pt) WCAG AA × Fail

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 166, 230, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

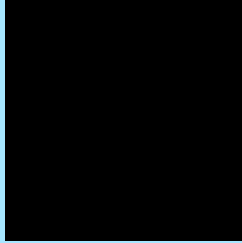
Any Text WCAG AA ✓ Pass

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 166, 230, 255 Background



This preview shows how black text looks on a background with the RGB color 166, 230, 255.

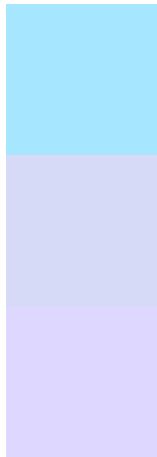


This preview shows how white text looks on a background with the RGB color 166, 230, 255.

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
166, 230, 255

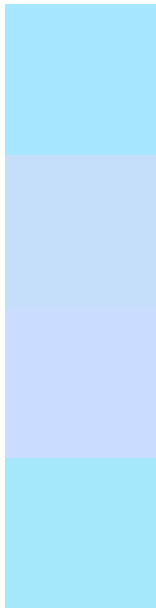
Protanopia
215, 218, 247

Deuteranopia
222, 215, 255



Tritanopia
165, 231, 249

Trichromacy



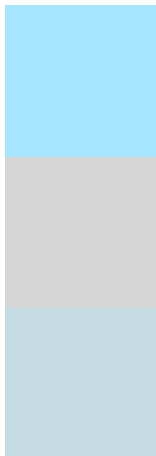
Original Color
166, 230, 255

Protanomaly
197, 222, 250

Deuteranomaly
202, 220, 255

Tritanomaly
165, 231, 251

Monochromacy



Original Color
166, 230, 255

Achromatopsia
214, 214, 214

Achromatomaly
197, 220, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 230, 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(166, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 230, 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(166, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 230, 255) }
```

Border

The CSS property to change the border of an element to RGB 166, 230, 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(166, 230, 255) }
```

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

```
.border{ border-color:rgb(166, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(166, 230,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 166, 230, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 230, 255) }
```

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

```
.background{ background-color: rgb(166,  
230, 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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