

Converting Colors

RGB(151, 236, 255)

Have a look what the booklet for
RGB(151, 236, 255) contains.

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Color

RGB(151, 236, 255)

Conversions

Conversions Part 1

Format	Color
Hex	97ECFF
RGB	151, 236, 255
RGB Percent	59%, 93%, 100%
CMY	0.4078, 0.0745, 0.0000
CMYK	0.41, 0.07, 0.00, 0.00
HSL	191°, 100%, 80%
HSV	191°, 41%, 100%
XYZ	60.8080, 73.7902, 105.6458
YIQ	212.7510, -56.7590, -12.1110

Conversions

Conversions Part 2

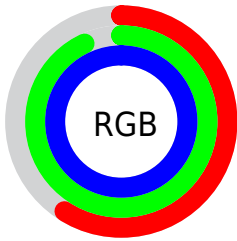
Format	Color
R_{YB}	151, 198, 255
Decimal	9956607
CIE _{Lab}	88.82, -20.99, -17.27
CIE _{LCh}	89, 27.180, 219.444
Yxy	73.7902, 0.2531, 0.3071
Android (android.graphics.Color)	4288146687 (0xFF97ECFF)
YUV	212.7510, 20.8288, -54.1556
Hunter-Lab	85.9012, -23.9702, -12.7870

Details

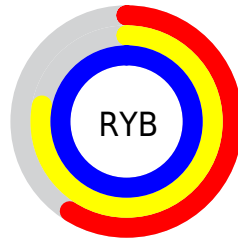
The RGB color **151, 236, 255** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **255, 170, 151**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **209, 255, 255**, and **94, 180, 198** is the 20% darker color. If you saturate the color by 10%, you get **126, 231, 255**, and if you desaturate by 10%, it is **177, 241, 255**.

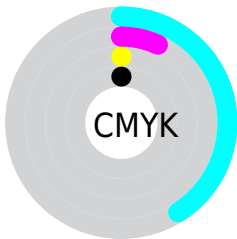
Distribution



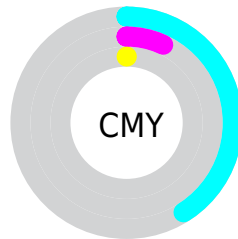
- Red (59%)
- Green (93%)
- Blue (100%)



- Red (59%)
- Yellow (78%)
- Blue (100%)



- Cyan (41%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 151, 236, 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 151, 236, 255 by changing the saturation by 10% instead.


 151, 236, 255

 151, 236, 255


255, 255, 255


 122, 208, 226

 209, 255, 255

 94, 180, 198

 239, 255, 255

 64, 153, 171

 27, 127, 144

 0, 102, 119

 0, 78, 94

 0, 54, 70

 0, 33, 48

 0, 1, 28

■ 151, 236, 255

■ 151, 236, 255

■ 126, 231, 255

■ 177, 241, 255

■ 100, 227, 255

■ 202, 245, 255

■ 75, 222, 255

■ 228, 250, 255

■ 49, 217, 255

253, 255, 255

■ 24, 213, 255

255, 255, 255

■ 0, 208, 255

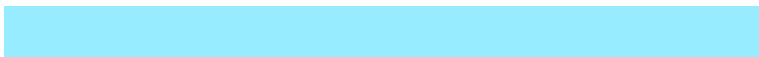
Harmonies

Analogous

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



155, 238, 231



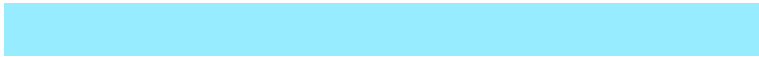
151, 236, 255



170, 231, 255

Triad

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



151, 236, 255



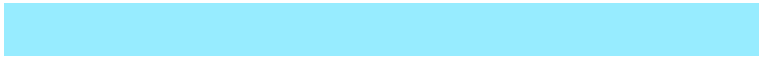
255, 207, 242



234, 224, 172

Complementary

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



151, 236, 255



255, 170, 151

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, 215, 175



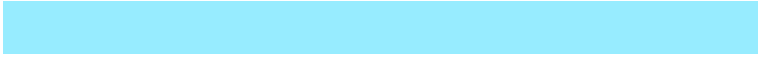
151, 236, 255



255, 205, 216

Square

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



151, 236, 255



238, 214, 255



255, 208, 191



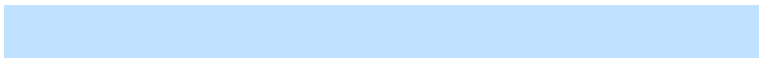
205, 231, 182

Rectangle

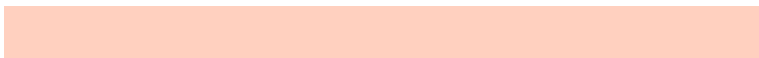
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



151, 236, 255



192, 225, 255



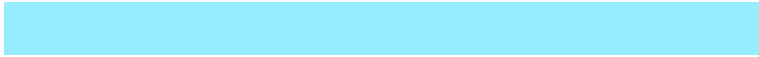
255, 208, 191



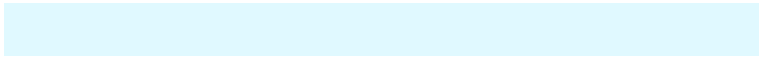
243, 221, 171

Sweetspot

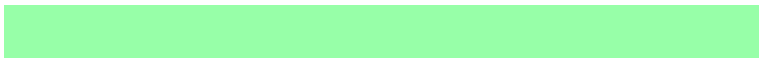
The Sweet Spot groups the original color and five complimentary colors.



151, 236, 255



224, 249, 255



151, 255, 168



110, 124, 128



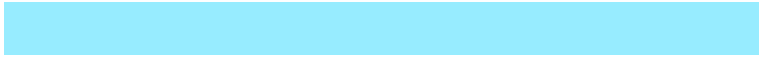
0, 0, 0



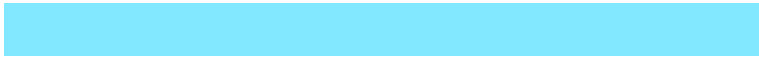
128, 128, 128

Same Dimension

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



151, 236, 255



130, 232, 255



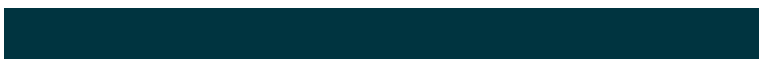
151, 186, 255



115, 125, 128



0, 156, 191



0, 52, 64

Inverse Universe

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



255, 151, 236



255, 130, 232



255, 220, 151



128, 115, 125



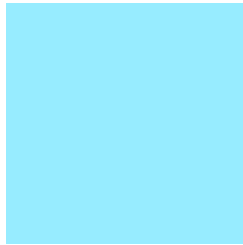
191, 0, 156



64, 0, 52

Previews

White Background



This preview shows how the RGB color 151, 236, 255 looks on a white background.

Color Contrast Check

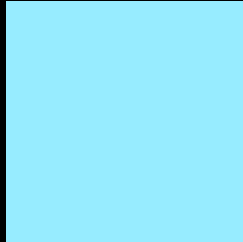
Large Text (above 18pt) WCAG AA × Fail

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 151, 236, 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 151, 236, 255 Background



This preview shows how black text looks on a background with the RGB color 151, 236, 255.

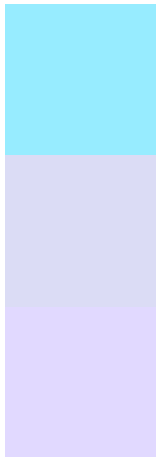


This preview shows how white text looks on a background with the RGB color 151, 236, 255.

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
151, 236, 255

Protanopia
219, 220, 245

Deuteranopia
225, 217, 255

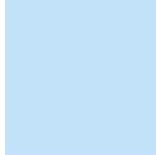


Tritanopia
151, 236, 255

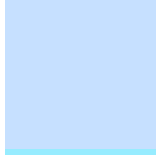
Trichromacy



Original Color
151, 236, 255



Protanomaly
194, 226, 249



Deuteranomaly
198, 224, 255

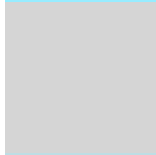


Tritanomaly
151, 236, 255

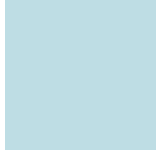
Monochromacy



Original Color
151, 236, 255



Achromatopsia
213, 213, 213



Achromatomaly
190, 221, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 151, 236, 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(151, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(151, 236, 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(151, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 236, 255) }
```

Border

The CSS property to change the border of an element to RGB 151, 236, 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(151, 236, 255) }
```

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

```
.border{ border-color:rgb(151, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(151, 236,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 151, 236, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 236, 255) }
```

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

```
.background{ background-color: rgb(151,  
236, 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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