

Converting Colors

RGB(159, 226, 253)

Have a look what the booklet for
RGB(159, 226, 253) contains.

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Color

RGB(159, 226, 253)

Conversions

Conversions Part 1

Format	Color
Hex	9FE2FD
RGB	159, 226, 253
RGB Percent	62%, 89%, 99%
CMY	0.3765, 0.1137, 0.0078
CMYK	0.37, 0.11, 0.00, 0.01
HSL	197°, 96%, 81%
HSV	197°, 37%, 99%
XYZ	59.2241, 68.8555, 103.0975
YIQ	209.0450, -48.5990, -5.8070

Conversions

Conversions Part 2

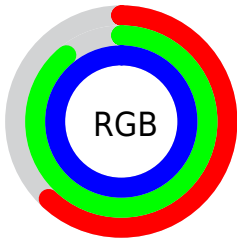
Format	Color
R _Y B	159, 198, 253
Decimal	10478333
CIE Lab	86.43, -14.46, -19.79
CIE LCh	86, 24.505, 233.843
Yxy	68.8555, 0.2562, 0.2978
Android (android.graphics.Color)	4288668413 (0xFF9FE2FD)
YUV	209.0450, 21.6698, -43.8895
Hunter-Lab	82.9792, -17.8143, -15.5794

Details

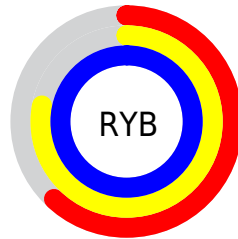
The RGB color **159, 226, 253** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **253, 186, 159**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **216, 255, 255**, and **103, 171, 196** is the 20% darker color. If you saturate the color by 10%, you get **134, 219, 253**, and if you desaturate by 10%, it is **184, 233, 253**.

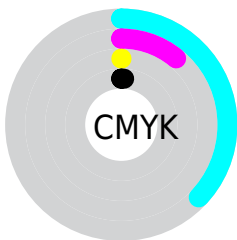
Distribution



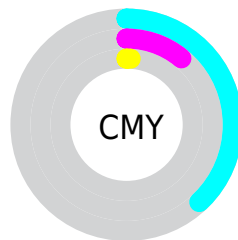
- Red (62%)
- Green (89%)
- Blue (99%)



- Red (62%)
- Yellow (78%)
- Blue (99%)



- Cyan (37%)
- Magenta (11%)
- Yellow (0%)
- Black (1%)



- Cyan (38%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the RGB color 159, 226, 253 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 159, 226, 253 by changing the saturation by 10% instead.

 159, 226, 253

 159, 226, 253


255, 255, 255


 131, 198, 224

 216, 255, 255

 103, 171, 196

 246, 255, 255

 75, 144, 169

 46, 118, 143

 2, 94, 117

 0, 70, 92

 0, 47, 69

 0, 28, 46

 0, 1, 26

■ 159, 226, 253

■ 159, 226, 253

■ 134, 219, 253

■ 184, 233, 253

■ 108, 211, 253

■ 210, 241, 253

■ 83, 204, 253

■ 235, 248, 253

■ 58, 197, 253

255, 255, 253

■ 32, 190, 253

■ 7, 182, 253

■ 0, 180, 253

Harmonies

Analogous

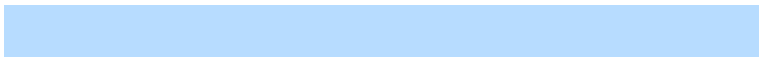
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



152, 229, 234



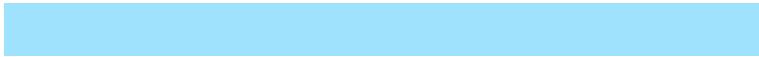
159, 226, 253



183, 220, 255

Triad

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



159, 226, 253



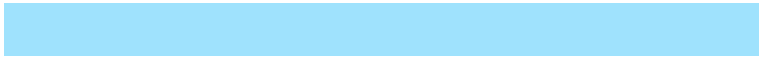
255, 200, 222



214, 221, 174

Complementary

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



159, 226, 253



253, 186, 159

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.



239, 213, 170



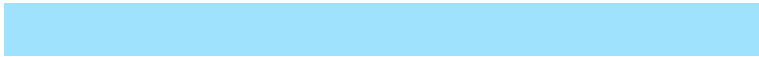
159, 226, 253



255, 201, 199

Square

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



159, 226, 253



242, 205, 244



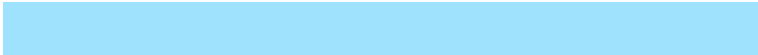
255, 206, 180



188, 226, 188

Rectangle

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



159, 226, 253



204, 215, 255



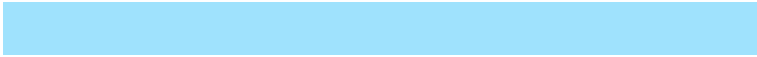
255, 206, 180



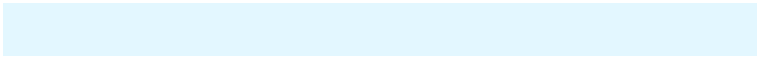
223, 218, 171

Sweetspot

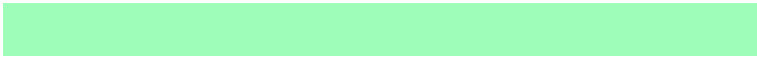
The Sweet Spot groups the original color and five complimentary colors.



159, 226, 253



227, 247, 255



159, 253, 186



111, 123, 128



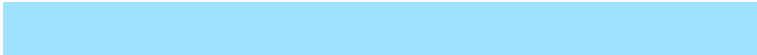
0, 0, 0



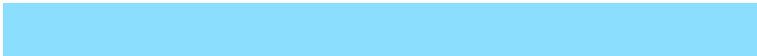
128, 128, 128

Same Dimension

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



159, 226, 253



140, 222, 255



159, 179, 253



115, 124, 128



0, 136, 191



0, 45, 64

Inverse Universe

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



253, 159, 226



255, 140, 222



253, 233, 159



128, 115, 124



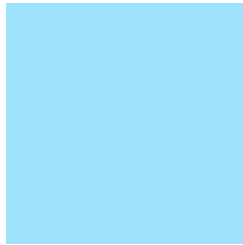
191, 0, 136



64, 0, 45

Previews

White Background



This preview shows how the RGB color 159, 226, 253 looks on a white background.

Color Contrast Check

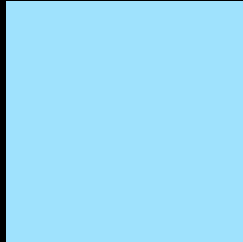
Large Text (above 18pt) WCAG AA × Fail

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 159, 226, 253 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 159, 226, 253 Background



This preview shows how black text looks on a background with the RGB color 159, 226, 253.

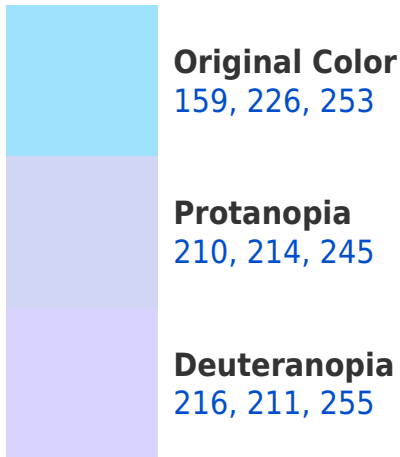


This preview shows how white text looks on a background with the RGB color 159, 226, 253.

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





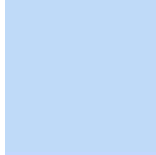
Tritanopia
157, 227, 246

Trichromacy



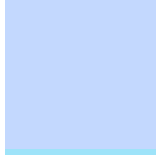
Original Color

159, 226, 253



Protanomaly

191, 218, 248



Deuteranomaly

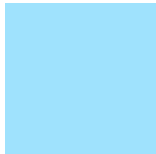
195, 216, 254



Tritanomaly

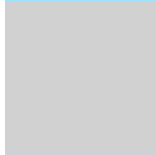
158, 227, 249

Monochromacy



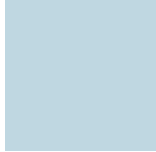
Original Color

159, 226, 253



Achromatopsia

209, 209, 209



Achromatomaly

191, 215, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 226, 253 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(159, 226, 253)` looks like.

```
.text, #text, p{  
    color:rgb(159, 226, 253)  
}
```

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(159, 226, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 226, 253) }
```

Border

The CSS property to change the border of an element to RGB 159, 226, 253 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(159, 226, 253) }
```

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

```
.border{ border-color:rgb(159, 226, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 226, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 226, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 226, 253);  
box-shadow:4px 4px 4px 4px rgb(159, 226,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 159, 226, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 226, 253) }
```

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

```
.background{ background-color: rgb(159,  
226, 253) }
```

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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