

Converting Colors

RGB(149, 253, 238)

Have a look what the booklet for
RGB(149, 253, 238) contains.

RGB(149, 253, 238)	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(149, 253, 238)

Conversions

Conversions Part 1

Format	Color
Hex	95FDEE
RGB	149, 253, 238
RGB Percent	58%, 99%, 93%
CMY	0.4157, 0.0078, 0.0667
CMYK	0.41, 0.00, 0.06, 0.01
HSL	171°, 96%, 79%
HSV	171°, 41%, 99%
XYZ	62.9523, 82.8132, 93.5555
YIQ	220.1940, -57.1690, -26.7130

Conversions

Conversions Part 2

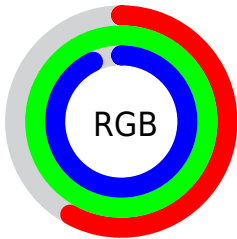
Format	Color
RYB	149, 205, 253
Decimal	9829870
CIELab	92.93, -33.70, -2.32
CIELCh	93, 33.776, 183.942
Yxy	82.8132, 0.2630, 0.3460
Android (android.graphics.Color)	4288019950 (0xFF95FDDEE)
YUV	220.1940, 8.7784, -62.4371
Hunter-Lab	91.0017, -35.7720, 2.7474

Details

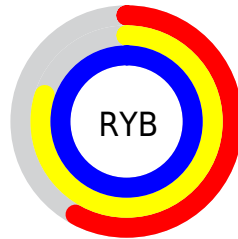
The RGB color **149, 253, 238** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **253, 149, 164**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **207, 255, 255**, and **91, 196, 182** is the 20% darker color. If you saturate the color by 10%, you get **124, 253, 234**, and if you desaturate by 10%, it is **174, 253, 242**.

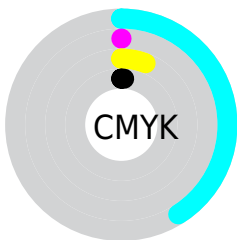
Distribution



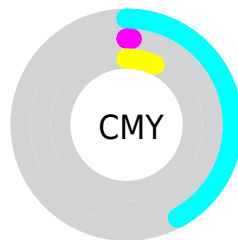
- Red (58%)
- Green (99%)
- Blue (93%)



- Red (58%)
- Yellow (80%)
- Blue (99%)



- Cyan (41%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)



- Cyan (42%)
- Magenta (1%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 253, 238 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 149, 253, 238 by changing the saturation by 10% instead.


 149, 253, 238

 149, 253, 238


255, 255, 255


 120, 224, 210

 207, 255, 255

 91, 196, 182

 237, 255, 255

 60, 168, 155

 20, 142, 129

 0, 116, 104

 0, 91, 80

 0, 66, 57

 0, 44, 36

 0, 19, 15

■ 149, 253, 238

■ 149, 253, 238

■ 124, 253, 234

■ 174, 253, 242

■ 98, 253, 231

■ 200, 253, 245

■ 73, 253, 227

■ 225, 253, 249

■ 48, 253, 223

■ 250, 253, 253

■ 22, 253, 220

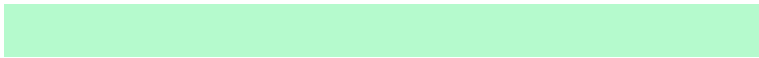
■ 255, 253, 255

■ 0, 253, 217

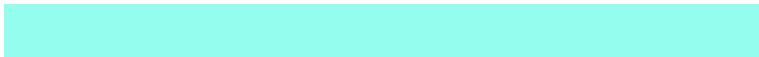
Harmonies

Analogous

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



181, 250, 205



149, 253, 238



137, 252, 255

Triad

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



149, 253, 238



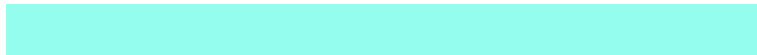
245, 225, 255



255, 223, 177

Complementary

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



149, 253, 238



253, 149, 164

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, 214, 200



149, 253, 238



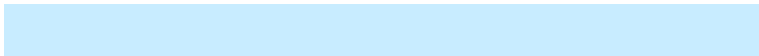
255, 215, 255

Square

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



149, 253, 238



200, 236, 255



255, 211, 232



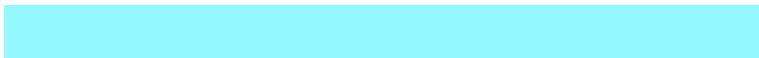
254, 234, 170

Rectangle

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



149, 253, 238



147, 248, 255



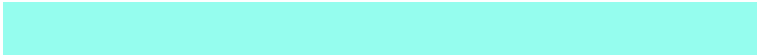
255, 211, 232



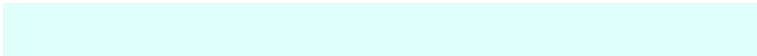
255, 220, 183

Sweetspot

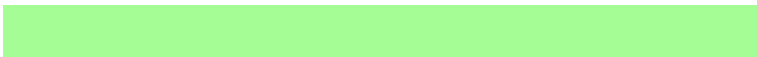
The Sweet Spot groups the original color and five complimentary colors.



149, 253, 238



224, 255, 251



165, 253, 149



110, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

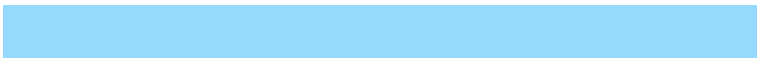
The Same Dimension uses a secret algorithm to generate beautiful new colors.



149, 253, 238



130, 255, 237



149, 217, 253



115, 128, 126



0, 191, 164



0, 64, 55

Inverse Universe

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



253, 149, 164



255, 130, 148



253, 185, 149



128, 115, 117



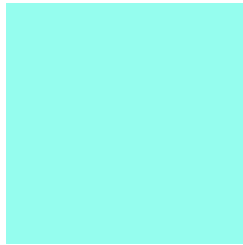
191, 0, 28



64, 0, 9

Previews

White Background



This preview shows how the RGB color 149, 253, 238 looks on a white background.

Color Contrast Check

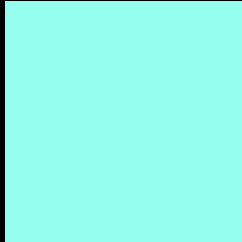
Large Text (above 18pt) WCAG AA × Fail

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 149, 253, 238 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 149, 253, 238 Background



This preview shows how black text looks on a background with the RGB color 149, 253, 238.



This preview shows how white text looks on a background with the RGB color 149, 253, 238.

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
193, 243, 255

Trichromacy



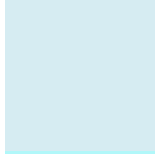
Original Color

149, 253, 238



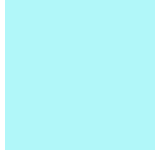
Protanomaly

206, 240, 230



Deuteranomaly

214, 236, 242



Tritanomaly

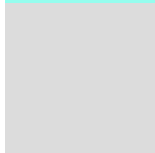
177, 247, 249

Monochromacy



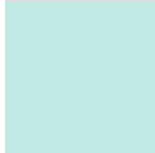
Original Color

149, 253, 238



Achromatopsia

220, 220, 220



Achromatomaly

194, 232, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 253, 238 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(149, 253, 238)` looks like.

```
.text, #text, p{  
    color:rgb(149, 253, 238)  
}
```

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(149, 253, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 253, 238) }
```

Border

The CSS property to change the border of an element to RGB 149, 253, 238 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(149, 253, 238) }
```

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

```
.border{ border-color:rgb(149, 253, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 253, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 253, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 253, 238);  
box-shadow:4px 4px 4px 4px rgb(149, 253,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 149, 253, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 253, 238) }
```

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

```
.background{ background-color: rgb(149,  
253, 238) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor