

Converting Colors

RGB(155, 249, 254)

Have a look what the booklet for
RGB(155, 249, 254) contains.

RGB(155, 249, 254)	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(155, 249, 254)

Conversions

Conversions Part 1

Format	Color
Hex	9BF9FE
RGB	155, 249, 254
RGB Percent	61%, 98%, 100%
CMY	0.3922, 0.0235, 0.0039
CMYK	0.39, 0.02, 0.00, 0.00
HSL	183°, 98%, 80%
HSV	183°, 39%, 100%
XYZ	65.2826, 81.8757, 106.1288
YIQ	221.4640, -57.6290, -18.3730

Conversions

Conversions Part 2

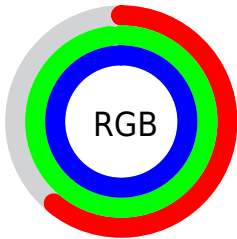
Format	Color
R _Y B	155, 203, 254
Decimal	10222078
CIE Lab	92.52, -26.60, -11.20
CIE LCh	93, 28.865, 202.822
Yxy	81.8757, 0.2577, 0.3233
Android (android.graphics.Color)	4288412158 (0xFF9BF9FE)
YUV	221.4640, 16.0402, -58.2889
Hunter-Lab	90.4852, -29.5661, -6.2008

Details

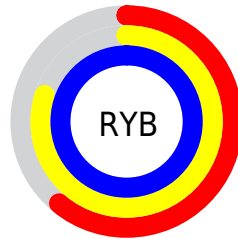
The RGB color **155, 249, 254** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **254, 160, 155**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **213, 255, 255**, and **97, 192, 197** is the 20% darker color. If you saturate the color by 10%, you get **130, 248, 254**, and if you desaturate by 10%, it is **180, 250, 254**.

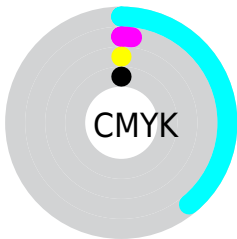
Distribution



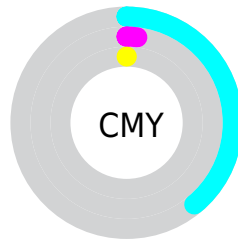
- Red (61%)
- Green (98%)
- Blue (100%)



- Red (61%)
- Yellow (80%)
- Blue (100%)



- Cyan (39%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 155, 249, 254 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 155, 249, 254 by changing the saturation by 10% instead.


 155, 249, 254

 155, 249, 254


255, 255, 255


 126, 220, 225

 213, 255, 255

 97, 192, 197

 243, 255, 255

 67, 165, 170

 32, 138, 144

 0, 113, 118

 0, 88, 93

 0, 64, 70

 0, 41, 48

 0, 17, 27

■ 155, 249, 254

■ 155, 249, 254

■ 130, 248, 254

■ 180, 250, 254

■ 104, 246, 254

■ 206, 252, 254

■ 79, 245, 254

■ 231, 253, 254

■ 53, 244, 254

255, 254, 254

■ 28, 243, 254

255, 255, 254

■ 3, 241, 254

■ 0, 241, 254

Harmonies

Analogous

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



171, 249, 226



155, 249, 254



162, 245, 255

Triad

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



155, 249, 254



255, 220, 255



255, 229, 179

Complementary

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



155, 249, 254



254, 160, 155

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, 220, 190



155, 249, 254



255, 214, 241

Square

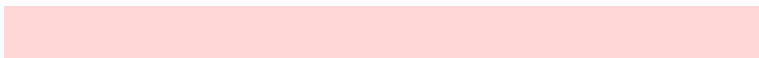
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



155, 249, 254



229, 229, 255



255, 215, 213



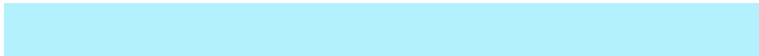
232, 238, 182

Rectangle

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



155, 249, 254



180, 241, 255



255, 215, 213



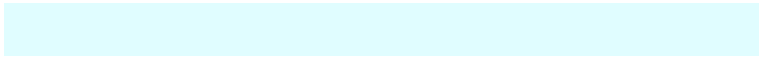
255, 226, 181

Sweetspot

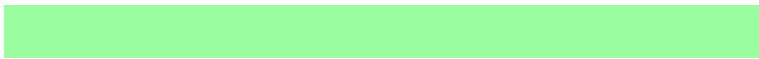
The Sweet Spot groups the original color and five complimentary colors.



155, 249, 254



224, 253, 255



155, 254, 160



110, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



155, 249, 254



135, 249, 255



155, 200, 254



115, 127, 128



0, 182, 191



0, 61, 64

Inverse Universe

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



254, 155, 249



255, 135, 249



254, 209, 155



128, 115, 127



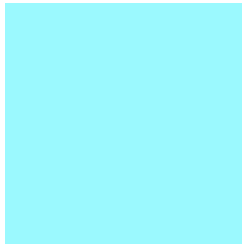
191, 0, 182



64, 0, 61

Previews

White Background



This preview shows how the RGB color 155, 249, 254 looks on a white background.

Color Contrast Check

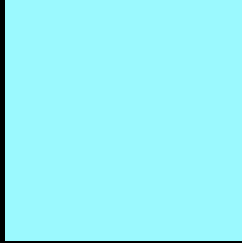
Large Text (above 18pt) WCAG AA × Fail

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 155, 249, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

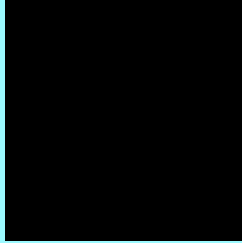
Any Text WCAG AA ✓ Pass

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 155, 249, 254 Background



This preview shows how black text looks on a background with the RGB color 155, 249, 254.

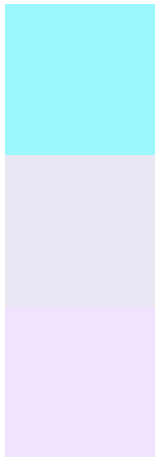


This preview shows how white text looks on a background with the RGB color 155, 249, 254.

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
155, 249, 254

Protanopia
233, 231, 243

Deuteranopia
241, 227, 255



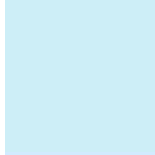
Tritanopia
189, 242, 255

Trichromacy



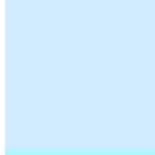
Original Color

155, 249, 254



Protanomaly

205, 238, 247



Deuteranomaly

210, 235, 255



Tritanomaly

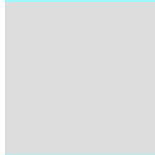
177, 245, 255

Monochromacy



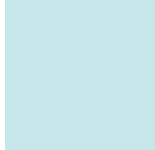
Original Color

155, 249, 254



Achromatopsia

221, 221, 221



Achromatomaly

197, 231, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 155, 249, 254 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(155, 249, 254)` looks like.

```
.text, #text, p{  
    color:rgb(155, 249, 254)  
}
```

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(155, 249, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 249, 254) }
```

Border

The CSS property to change the border of an element to RGB 155, 249, 254 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(155, 249, 254) }
```

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

```
.border{ border-color:rgb(155, 249, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 249, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 249, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 249, 254);  
box-shadow:4px 4px 4px 4px rgb(155, 249,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 155, 249, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 249, 254) }
```

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

```
.background{ background-color: rgb(155,  
249, 254) }
```

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