

Converting Colors

RGB(154, 255, 247)

Have a look what the booklet for
RGB(154, 255, 247) contains.

RGB(154, 255, 247)	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(154, 255, 247)

Conversions

Conversions Part 1

Format	Color
Hex	9AFF7
RGB	154, 255, 247
RGB Percent	60%, 100%, 97%
CMY	0.3961, 0.0000, 0.0314
CMYK	0.40, 0.00, 0.03, 0.00
HSL	175°, 100%, 80%
HSV	175°, 40%, 100%
XYZ	65.8749, 85.1054, 100.9507
YIQ	223.8890, -57.6280, -23.9000

Conversions

Conversions Part 2

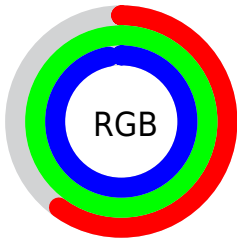
Format	Color
RYB	154, 207, 255
Decimal	10158071
CIELab	93.93, -31.35, -5.49
CIELCh	94, 31.823, 189.931
Yxy	85.1054, 0.2615, 0.3378
Android (android.graphics.Color)	4288348151 (0xFF9AFF7)
YUV	223.8890, 11.3937, -61.2927
Hunter-Lab	92.2526, -33.9803, -0.3034

Details

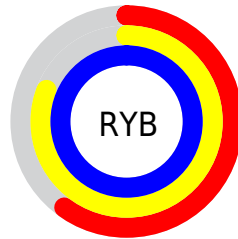
The RGB color **154, 255, 247** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **255, 154, 162**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **212, 255, 255**, and **96, 198, 191** is the 20% darker color. If you saturate the color by 10%, you get **129, 255, 245**, and if you desaturate by 10%, it is **179, 255, 249**.

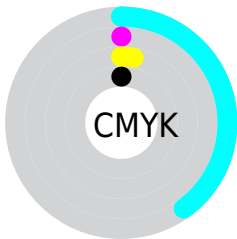
Distribution



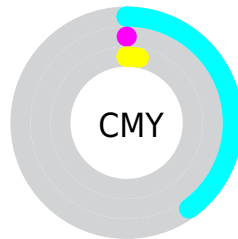
- Red (60%)
- Green (100%)
- Blue (97%)



- Red (60%)
- Yellow (81%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (40%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 154, 255, 247 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 154, 255, 247 by changing the saturation by 10% instead.

 154, 255, 247


255, 255, 255


 212, 255, 255


 242, 255, 255


 154, 255, 247

 125, 226, 219

 96, 198, 191

 66, 170, 164

 30, 144, 137

 0, 118, 112

 0, 92, 88

 0, 68, 64

 0, 45, 43

 0, 23, 22

■ 154, 255, 247

■ 154, 255, 247

■ 129, 255, 245

■ 179, 255, 249

■ 103, 255, 243

■ 205, 255, 251

■ 78, 255, 241

■ 231, 255, 253

■ 52, 255, 239

255, 255, 255

■ 26, 255, 237

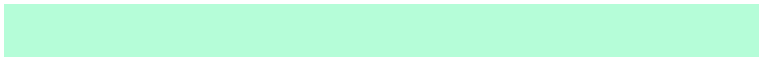
■ 1, 255, 235

■ 0, 255, 235

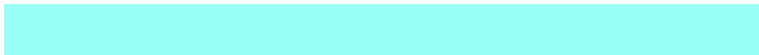
Harmonies

Analogous

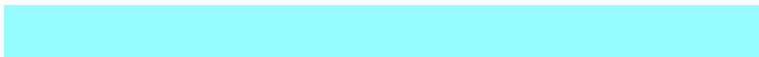
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



181, 253, 216



154, 255, 247



149, 253, 255

Triad

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



154, 255, 247



255, 226, 255



255, 229, 181

Complementary

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



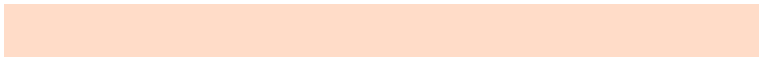
154, 255, 247



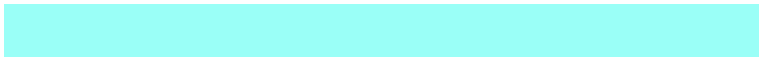
255, 154, 162

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, 200



154, 255, 247



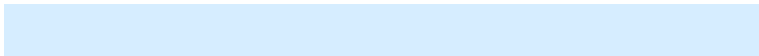
255, 218, 255

Square

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



154, 255, 247



214, 237, 255



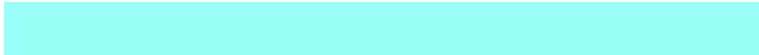
255, 215, 228



250, 239, 177

Rectangle

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



154, 255, 247



162, 249, 255



255, 215, 228



255, 225, 185

Sweetspot

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



154, 255, 247



224, 255, 253



162, 255, 154



110, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

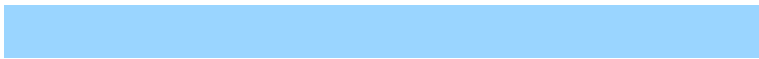
The Same Dimension uses a secret algorithm to generate beautiful new colors.



154, 255, 247



133, 255, 245



154, 213, 255



115, 128, 126



0, 191, 176



0, 64, 59

Inverse Universe

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



255, 154, 162



255, 133, 142



255, 196, 154



128, 115, 116



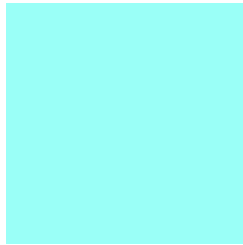
191, 0, 15



64, 0, 5

Previews

White Background



This preview shows how the RGB color 154, 255, 247 looks on a white background.

Color Contrast Check

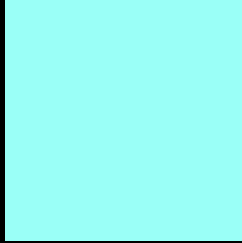
Large Text (above 18pt) WCAG AA × Fail

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 154, 255, 247 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 154, 255, 247 Background



This preview shows how black text looks on a background with the RGB color 154, 255, 247.

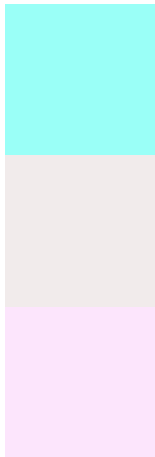


This preview shows how white text looks on a background with the RGB color 154, 255, 247.

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
154, 255, 247

Protanopia
241, 235, 235

Deuteranopia
252, 229, 252



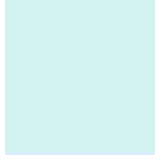
Tritanopia
202, 244, 255

Trichromacy



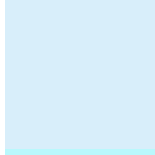
Original Color

154, 255, 247



Protanomaly

209, 242, 239



Deuteranomaly

216, 238, 250



Tritanomaly

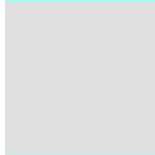
185, 248, 252

Monochromacy



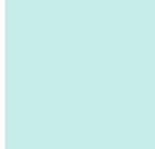
Original Color

154, 255, 247



Achromatopsia

224, 224, 224



Achromatomaly

199, 235, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 154, 255, 247 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(154, 255, 247)` looks like.

```
.text, #text, p{  
    color:rgb(154, 255, 247)  
}
```

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(154, 255, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 255, 247) }
```

Border

The CSS property to change the border of an element to RGB 154, 255, 247 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(154, 255, 247) }
```

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

```
.border{ border-color:rgb(154, 255, 247) }
```

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

Here you see how a box with a 4 pixel rgb(154, 255, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(154, 255,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 154, 255, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 255, 247) }
```

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

```
.background{ background-color: rgb(154,  
255, 247) }
```

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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