

Converting Colors

RGB(154, 249, 226)

Have a look what the booklet for
RGB(154, 249, 226) contains.

RGB(154, 249, 226)	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, 249, 226)

Conversions

Conversions Part 1

Format	Color
Hex	9AF9E2
RGB	154, 249, 226
RGB Percent	60%, 98%, 89%
CMY	0.3961, 0.0235, 0.1137
CMYK	0.38, 0.00, 0.09, 0.02
HSL	165°, 89%, 79%
HSV	165°, 38%, 98%
XYZ	60.9296, 80.1124, 84.2034
YIQ	217.9730, -49.2370, -27.2930

Conversions

Conversions Part 2

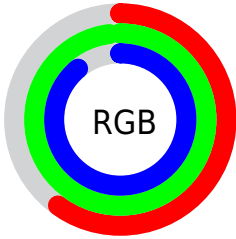
Format	Color
RYB	154, 208, 249
Decimal	10156514
CIELab	91.74, -33.25, 2.17
CIELCh	92, 33.325, 176.262
Yxy	80.1124, 0.2705, 0.3557
Android (android.graphics.Color)	4288346594 (0xFF9AF9E2)
YUV	217.9730, 3.9573, -56.1043
Hunter-Lab	89.5055, -35.1234, 6.8761

Details

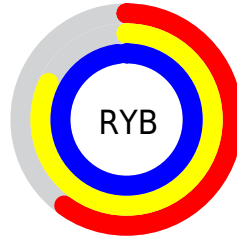
The RGB color **154, 249, 226** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **249, 154, 177**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **212, 255, 255**, and **98, 192, 171** is the 20% darker color. If you saturate the color by 10%, you get **129, 249, 220**, and if you desaturate by 10%, it is **179, 249, 232**.

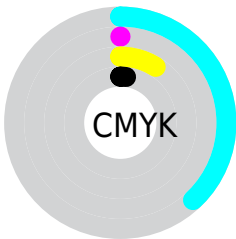
Distribution



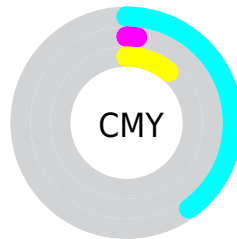
- Red (60%)
- Green (98%)
- Blue (89%)



- Red (60%)
- Yellow (82%)
- Blue (98%)



- Cyan (38%)
- Magenta (0%)
- Yellow (9%)
- Black (2%)



- Cyan (40%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 154, 249, 226 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, 249, 226 by changing the saturation by 10% instead.

 154, 249, 226


255, 255, 255


 212, 255, 255


 241, 255, 255


 154, 249, 226

 126, 220, 198

 98, 192, 171

 69, 165, 144


 37, 138, 119

 0, 112, 94

 0, 87, 70

 0, 63, 48

 0, 41, 27

 0, 12, 1

 154, 249, 226

 154, 249, 226

 129, 249, 220

 179, 249, 232

 104, 249, 214

 204, 249, 238

 79, 249, 208

 229, 249, 244

 54, 249, 202

 254, 249, 250

 29, 249, 196

 255, 249, 255

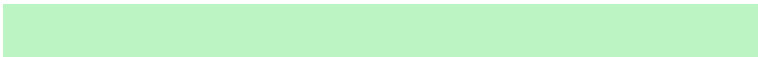
 5, 249, 190

 0, 249, 189

Harmonies

Analogous

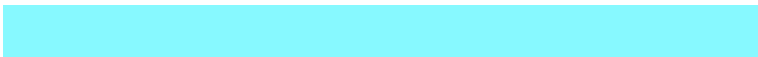
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



188, 245, 195



154, 249, 226



135, 249, 255

Triad

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



154, 249, 226



231, 224, 255



255, 217, 179

Complementary

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



154, 249, 226



249, 154, 177

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, 210, 204



154, 249, 226



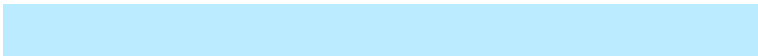
255, 214, 255

Square

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



154, 249, 226



186, 235, 255



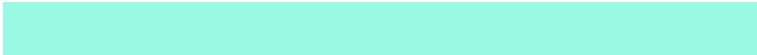
255, 208, 237



255, 228, 168

Rectangle

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



154, 249, 226



139, 246, 255



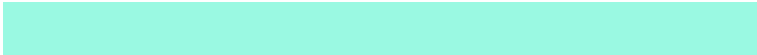
255, 208, 237



255, 214, 186

Sweetspot

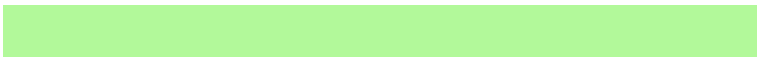
The Sweet Spot groups the original color and five complimentary colors.



154, 249, 226



227, 255, 248



178, 249, 154



111, 128, 123



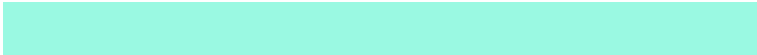
0, 0, 0



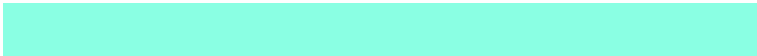
128, 128, 128

Same Dimension

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



154, 249, 226



138, 255, 227



154, 225, 249



112, 125, 122



0, 189, 143



0, 61, 46

Inverse Universe

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



249, 154, 177



255, 138, 166



249, 178, 154



125, 112, 115



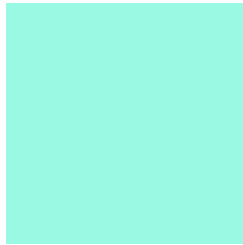
189, 0, 46



61, 0, 15

Previews

White Background



This preview shows how the RGB color 154, 249, 226 looks on a white background.

Color Contrast Check

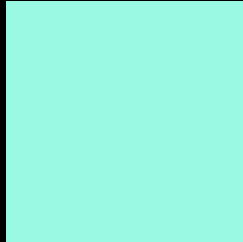
Large Text (above 18pt) WCAG AA × Fail

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, 249, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

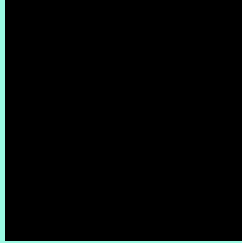
Any Text WCAG AA ✓ Pass

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, 249, 226 Background



This preview shows how black text looks on a background with the RGB color 154, 249, 226.



This preview shows how white text looks on a background with the RGB color 154, 249, 226.

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





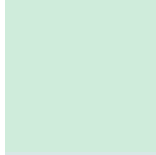
Tritanopia
184, 240, 255

Trichromacy



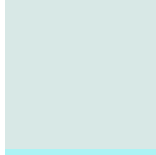
Original Color

154, 249, 226



Protanomaly

207, 236, 219



Deuteranomaly

216, 232, 230



Tritanomaly

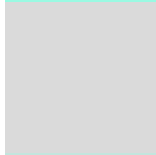
173, 243, 244

Monochromacy



Original Color

154, 249, 226



Achromatopsia

218, 218, 218



Achromatomaly

195, 229, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 154, 249, 226 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, 249, 226)` looks like.

```
.text, #text, p{  
    color:rgb(154, 249, 226)  
}
```

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, 249, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 249, 226) }
```

Border

The CSS property to change the border of an element to RGB 154, 249, 226 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, 249, 226) }
```

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

```
.border{ border-color:rgb(154, 249, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 249, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 249, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 249, 226); box-shadow:4px 4px 4px 4px rgb(154, 249, 226) }
```

Background

The CSS property to change the background color of an element to RGB 154, 249, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 249, 226) }
```

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

```
.background{ background-color: rgb(154,  
249, 226) }
```

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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