

Converting Colors

RGB(159, 255, 212)

Have a look what the booklet for
RGB(159, 255, 212) contains.

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Color

RGB(159, 255, 212)

Conversions

Conversions Part 1

Format	Color
Hex	9FFFD4
RGB	159, 255, 212
RGB Percent	62%, 100%, 83%
CMY	0.3765, 0.0000, 0.1686
CMYK	0.38, 0.00, 0.17, 0.00
HSL	153°, 100%, 81%
HSV	153°, 38%, 100%
XYZ	61.9417, 83.6444, 75.1677
YIQ	221.3940, -43.4130, -33.7250

Conversions

Conversions Part 2

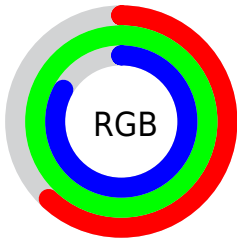
Format	Color
RYB	159, 221, 255
Decimal	10485716
CIELab	93.30, -37.61, 11.68
CIElCh	93, 39.379, 162.746
Yxy	83.6444, 0.2806, 0.3789
Android (android.graphics.Color)	4288675796 (0xFF9FFFD4)
YUV	221.3940, -4.6312, -54.7195
Hunter-Lab	91.4573, -39.1567, 15.2904

Details

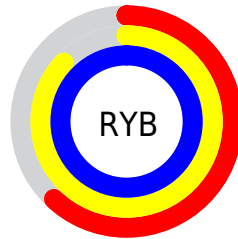
The RGB color **159, 255, 212** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **255, 159, 202**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **217, 255, 255**, and **103, 198, 157** is the 20% darker color. If you saturate the color by 10%, you get **133, 255, 201**, and if you desaturate by 10%, it is **185, 255, 223**.

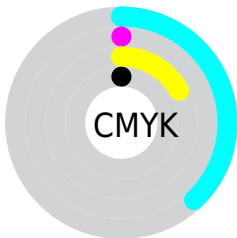
Distribution



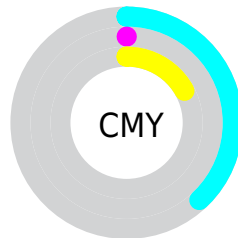
- Red (62%)
- Green (100%)
- Blue (83%)



- Red (62%)
- Yellow (87%)
- Blue (100%)



- Cyan (38%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 255, 212 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, 255, 212 by changing the saturation by 10% instead.

 159, 255, 212

255, 255, 255


 217, 255, 255


 246, 255, 255


 159, 255, 212

 131, 226, 184

 103, 198, 157

 75, 170, 131

 45, 143, 106

 0, 117, 82

 0, 92, 59

 0, 68, 37

 0, 45, 16

 0, 20, 0

■ 159, 255, 212

■ 159, 255, 212

■ 133, 255, 201

■ 185, 255, 223

■ 108, 255, 189

■ 210, 255, 235

■ 82, 255, 178

■ 236, 255, 246

■ 57, 255, 166

255, 255, 255

■ 31, 255, 155

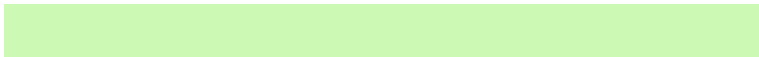
■ 6, 255, 143

■ 0, 255, 141

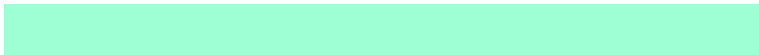
Harmonies

Analogous

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



204, 249, 179



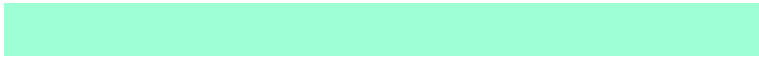
159, 255, 212



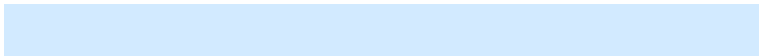
121, 255, 251

Triad

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



159, 255, 212



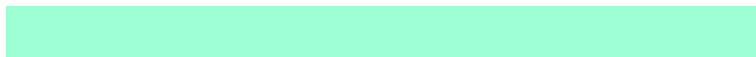
210, 234, 255



255, 214, 186

Complementary

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



159, 255, 212



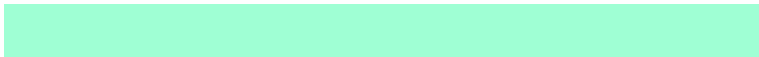
255, 159, 202

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, 207, 221



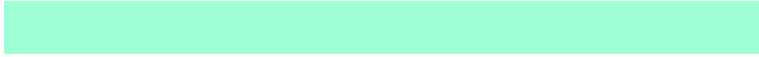
159, 255, 212



255, 220, 255

Square

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



159, 255, 212



153, 246, 255



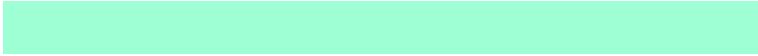
255, 210, 255



255, 226, 164

Rectangle

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



159, 255, 212



111, 255, 255



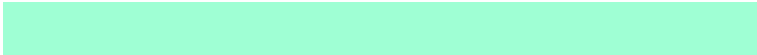
255, 210, 255



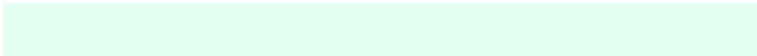
255, 211, 197

Sweetspot

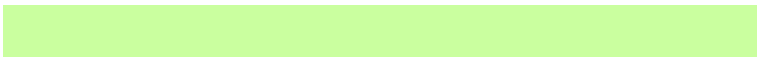
The Sweet Spot groups the original color and five complimentary colors.



159, 255, 212



227, 255, 242



202, 255, 159



111, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



159, 255, 212



140, 255, 204



159, 250, 255



115, 128, 122



0, 191, 106



0, 64, 35

Inverse Universe

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



255, 159, 202



255, 140, 192



255, 164, 159



128, 115, 120



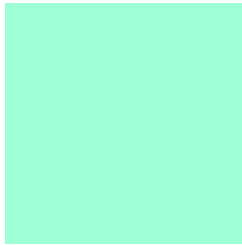
191, 0, 86



64, 0, 29

Previews

White Background



This preview shows how the RGB color 159, 255, 212 looks on a white background.

Color Contrast Check

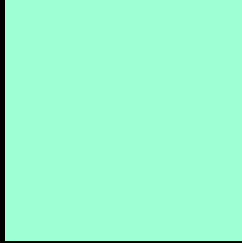
Large Text (above 18pt) WCAG AA × Fail

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, 255, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

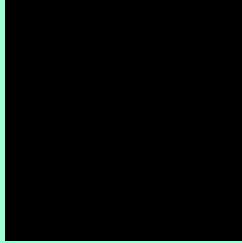
Any Text WCAG AA ✓ Pass

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, 255, 212 Background



This preview shows how black text looks on a background with the RGB color 159, 255, 212.

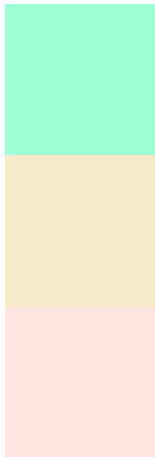


This preview shows how white text looks on a background with the RGB color 159, 255, 212.

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
159, 255, 212

Protanopia
246, 234, 201

Deuteranopia
255, 229, 223



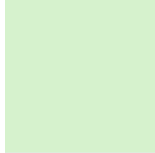
Tritanopia
199, 242, 255

Trichromacy



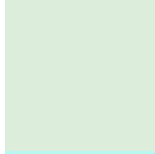
Original Color

159, 255, 212



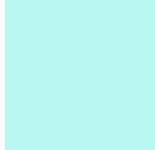
Protanomaly

214, 242, 205



Deuteranomaly

220, 238, 219



Tritanomaly

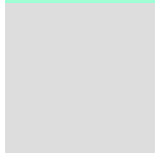
184, 247, 239

Monochromacy



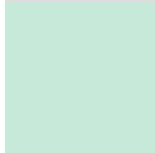
Original Color

159, 255, 212



Achromatopsia

221, 221, 221



Achromatomaly

198, 233, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 255, 212 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, 255, 212)` looks like.

```
.text, #text, p{  
    color:rgb(159, 255, 212)  
}
```

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, 255, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 255, 212) }
```

Border

The CSS property to change the border of an element to RGB 159, 255, 212 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, 255, 212) }
```

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

```
.border{ border-color:rgb(159, 255, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 255, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(159, 255,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 159, 255, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 255, 212) }
```

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

```
.background{ background-color: rgb(159,  
255, 212) }
```

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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