

Converting Colors

RGB(159, 255, 220)

Have a look what the booklet for
RGB(159, 255, 220) contains.

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Color

RGB(159, 255, 220)

Conversions

Conversions Part 1

Format	Color
Hex	9FFFDC
RGB	159, 255, 220
RGB Percent	62%, 100%, 86%
CMY	0.3765, 0.0000, 0.1373
CMYK	0.38, 0.00, 0.14, 0.00
HSL	158°, 100%, 81%
HSV	158°, 38%, 100%
XYZ	62.9763, 84.0582, 80.6158
YIQ	222.3060, -45.9810, -31.2370

Conversions

Conversions Part 2

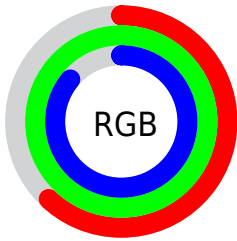
Format	Color
R _Y B	159, 218, 255
Decimal	10485724
CIE Lab	93.48, -35.98, 7.82
CIE LCh	93, 36.822, 167.740
Yxy	84.0582, 0.2766, 0.3692
Android (android.graphics.Color)	4288675804 (0xFF9FFFDC)
YUV	222.3060, -1.1369, -55.5194
Hunter-Lab	91.6833, -37.8358, 12.0454

Details

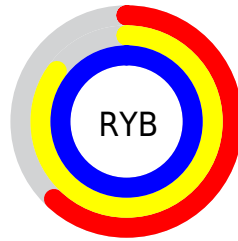
The RGB color **159, 255, 220** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **255, 159, 194**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **217, 255, 255**, and **103, 198, 165** is the 20% darker color. If you saturate the color by 10%, you get **133, 255, 211**, and if you desaturate by 10%, it is **185, 255, 229**.

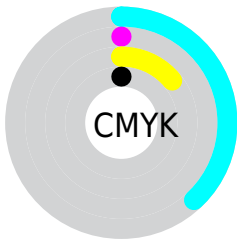
Distribution



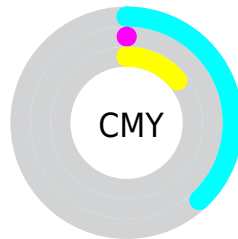
- Red (62%)
- Green (100%)
- Blue (86%)



- Red (62%)
- Yellow (85%)
- Blue (100%)



- Cyan (38%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (38%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 255, 220 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, 220 by changing the saturation by 10% instead.


 159, 255, 220

 159, 255, 220


255, 255, 255


 131, 226, 192


 217, 255, 255

 103, 198, 165

 246, 255, 255

 74, 170, 139


 44, 143, 113

 0, 117, 89

 0, 92, 65

 0, 68, 43

 0, 45, 23

 0, 20, 0

■ 159, 255, 220

■ 159, 255, 220

■ 133, 255, 211

■ 185, 255, 229

■ 108, 255, 201

■ 210, 255, 239

■ 82, 255, 192

■ 236, 255, 248

■ 57, 255, 183

255, 255, 255

■ 31, 255, 174

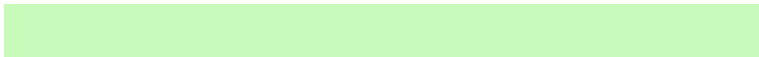
■ 6, 255, 164

■ 0, 255, 162

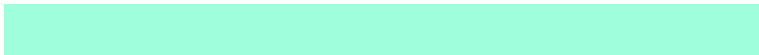
Harmonies

Analogous

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



200, 250, 188



159, 255, 220



129, 255, 255

Triad

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



159, 255, 220



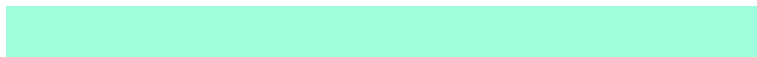
221, 232, 255



255, 218, 185

Complementary

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



159, 255, 220



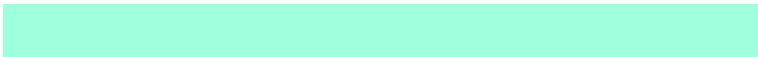
255, 159, 194

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, 211, 216



159, 255, 220



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, 220



170, 244, 255



255, 211, 252



255, 229, 167

Rectangle

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



159, 255, 220



125, 254, 255



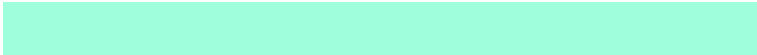
255, 211, 252



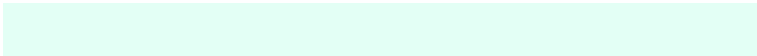
255, 215, 194

Sweetspot

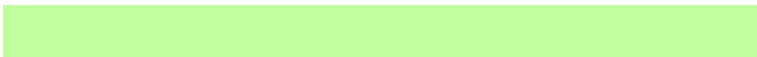
The Sweet Spot groups the original color and five complimentary colors.



159, 255, 220



227, 255, 245



194, 255, 159



111, 128, 121



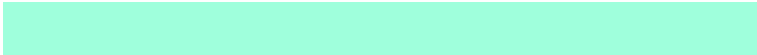
0, 0, 0



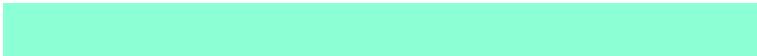
128, 128, 128

Same Dimension

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



159, 255, 220



140, 255, 213



159, 242, 255



115, 128, 123



0, 191, 122



0, 64, 41

Inverse Universe

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



255, 159, 194



255, 140, 182



255, 172, 159



128, 115, 119



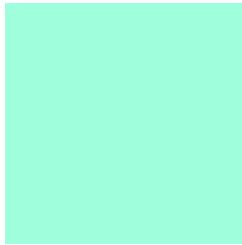
191, 0, 70



64, 0, 23

Previews

White Background



This preview shows how the RGB color 159, 255, 220 looks on a white background.

Color Contrast Check

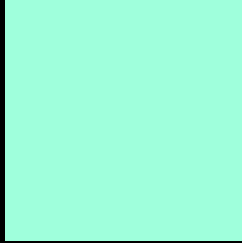
Large Text (above 18pt) WCAG AA × Fail

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, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

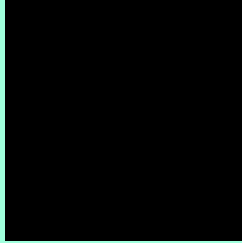
Any Text WCAG AA ✓ Pass

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, 220 Background



This preview shows how black text looks on a background with the RGB color 159, 255, 220.

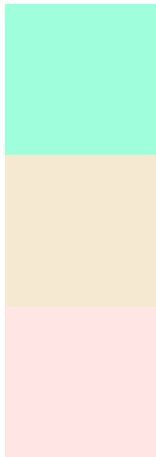


This preview shows how white text looks on a background with the RGB color 159, 255, 220.

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, 220

Protanopia
245, 234, 209

Deuteranopia
255, 229, 228



Tritanopia

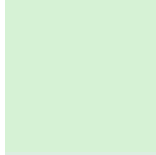
200, 243, 255

Trichromacy



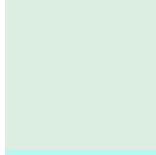
Original Color

159, 255, 220



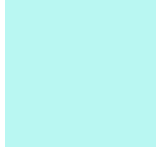
Protanomaly

214, 242, 213



Deuteranomaly

220, 238, 225



Tritanomaly

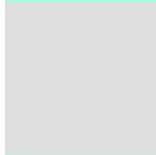
185, 247, 242

Monochromacy



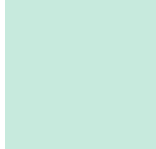
Original Color

159, 255, 220



Achromatopsia

222, 222, 222



Achromatomaly

199, 234, 221

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 255, 220 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(159, 255, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 255, 220) }
```

Border

The CSS property to change the border of an element to RGB 159, 255, 220 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, 220) }
```

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

```
.border{ border-color:rgb(159, 255, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 255, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 255, 220);  
box-shadow:4px 4px 4px 4px rgb(159, 255,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 159, 255, 220 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, 220) }
```

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

```
.background{ background-color: rgb(159,  
255, 220) }
```

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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