

Converting Colors

RGB(166, 255, 219)

Have a look what the booklet for
RGB(166, 255, 219) contains.

RGB(166, 255, 219)	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(166, 255, 219)

Conversions

Conversions Part 1

Format	Color
Hex	A6FFDB
RGB	166, 255, 219
RGB Percent	65%, 100%, 86%
CMY	0.3490, 0.0000, 0.1412
CMYK	0.35, 0.00, 0.14, 0.00
HSL	156°, 100%, 83%
HSV	156°, 35%, 100%
XYZ	64.2721, 84.7415, 79.9871
YIQ	224.2850, -41.4880, -30.0640

Conversions

Conversions Part 2

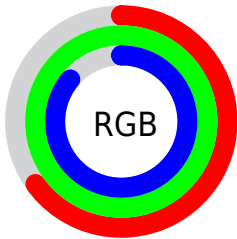
Format	Color
RYB	166, 222, 255
Decimal	10944475
CIELab	93.77, -34.29, 8.80
CIELCh	94, 35.399, 165.605
Yxy	84.7415, 0.2807, 0.3700
Android (android.graphics.Color)	4289134555 (0xFFA6FFDB)
YUV	224.2850, -2.6055, -51.1159
Hunter-Lab	92.0551, -36.4694, 12.9213

Details

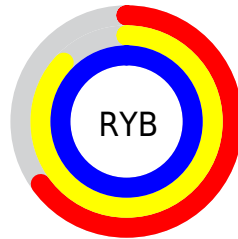
The RGB color **166, 255, 219** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **255, 166, 202**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **223, 255, 255**, and **110, 198, 164** is the 20% darker color. If you saturate the color by 10%, you get **141, 255, 209**, and if you desaturate by 10%, it is **192, 255, 229**.

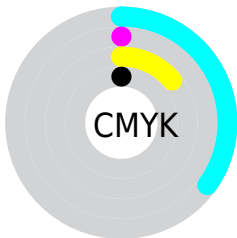
Distribution



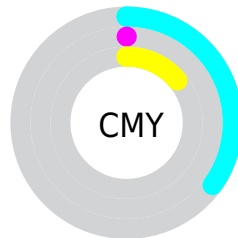
- Red (65%)
- Green (100%)
- Blue (86%)



- Red (65%)
- Yellow (87%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (35%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 166, 255, 219 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 166, 255, 219 by changing the saturation by 10% instead.


 166, 255, 219

 166, 255, 219


255, 255, 255


 138, 226, 191


 223, 255, 255


 110, 198, 164

253, 255, 255

 83, 170, 138

 55, 143, 112

 21, 117, 88

 0, 92, 65

 0, 68, 42

 0, 45, 22

 0, 22, 0

■ 166, 255, 219

■ 166, 255, 219

■ 141, 255, 209

■ 192, 255, 229

■ 115, 255, 198

■ 217, 255, 240

■ 90, 255, 188

■ 243, 255, 250

■ 64, 255, 178

255, 255, 255

■ 38, 255, 167

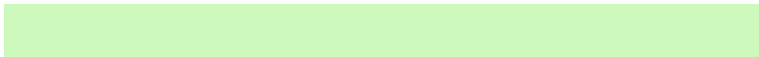
■ 13, 255, 157

■ 0, 255, 152

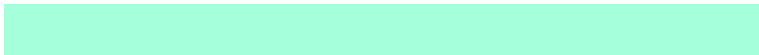
Harmonies

Analogous

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



205, 250, 188



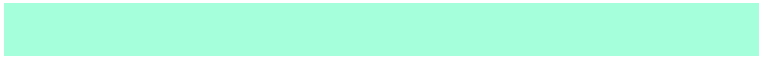
166, 255, 219



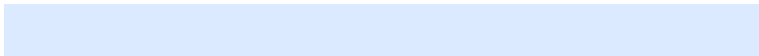
137, 255, 254

Triad

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



166, 255, 219



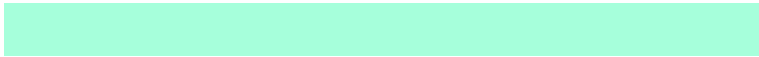
220, 234, 255



255, 219, 190

Complementary

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



166, 255, 219



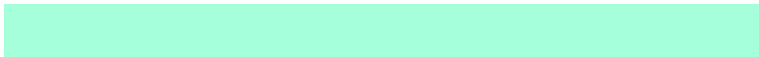
255, 166, 202

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, 212, 220



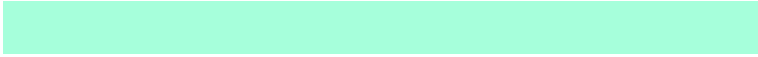
166, 255, 219



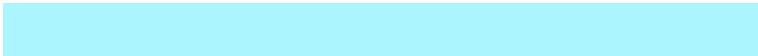
255, 222, 255

Square

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



166, 255, 219



171, 245, 255



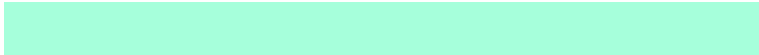
255, 214, 255



255, 229, 172

Rectangle

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



166, 255, 219



132, 254, 255



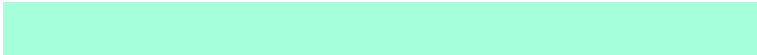
255, 214, 255



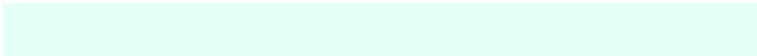
255, 216, 199

Sweetspot

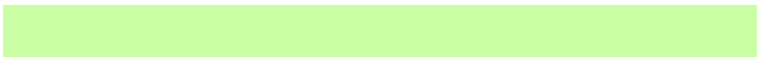
The Sweet Spot groups the original color and five complimentary colors.



166, 255, 219



230, 255, 245



203, 255, 166



112, 128, 121



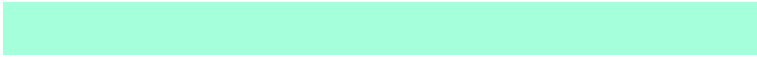
0, 0, 0



128, 128, 128

Same Dimension

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



166, 255, 219



148, 255, 212



166, 248, 255



115, 128, 122



0, 191, 114



0, 64, 38

Inverse Universe

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



255, 166, 202



255, 148, 191



255, 173, 166



128, 115, 120



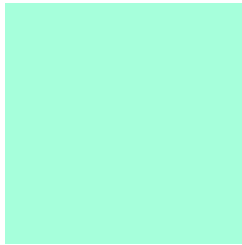
191, 0, 77



64, 0, 26

Previews

White Background



This preview shows how the RGB color 166, 255, 219 looks on a white background.

Color Contrast Check

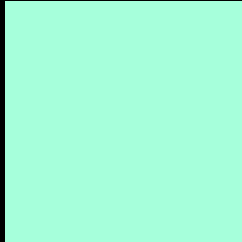
Large Text (above 18pt) WCAG AA × Fail

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 166, 255, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

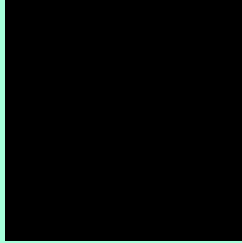
Any Text WCAG AA ✓ Pass

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 166, 255, 219 Background



This preview shows how black text looks on a background with the RGB color 166, 255, 219.

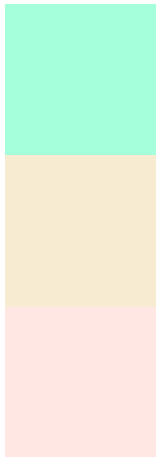


This preview shows how white text looks on a background with the RGB color 166, 255, 219.

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
166, 255, 219

Protanopia
247, 235, 209

Deuteranopia
255, 231, 228



Tritanopia

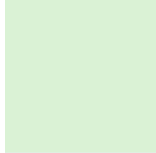
205, 243, 255

Trichromacy



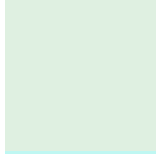
Original Color

166, 255, 219



Protanomaly

218, 242, 213



Deuteranomaly

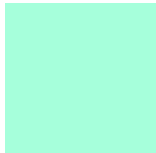
223, 240, 225



Tritanomaly

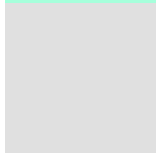
191, 247, 242

Monochromacy



Original Color

166, 255, 219



Achromatopsia

224, 224, 224



Achromatomaly

203, 235, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 255, 219 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(166, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(166, 255, 219)  
}
```

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(166, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 255, 219) }
```

Border

The CSS property to change the border of an element to RGB 166, 255, 219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

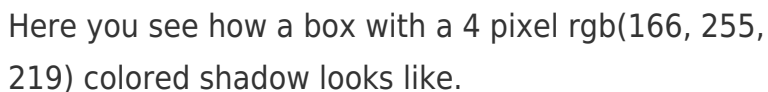
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 255, 219) }
```

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

```
.border{ border-color:rgb(166, 255, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 255, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 255, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 255, 219); box-shadow:4px 4px 4px 4px rgb(166, 255, 219) }
```

Background

The CSS property to change the background color of an element to RGB 166, 255, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 255, 219) }
```

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

```
.background{ background-color: rgb(166,  
255, 219) }
```

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