

Converting Colors

RGB(171, 255, 210)

Have a look what the booklet for
RGB(171, 255, 210) contains.

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Color

RGB(171, 255, 210)

Conversions

Conversions Part 1

Format	Color
Hex	ABFFD2
RGB	171, 255, 210
RGB Percent	67%, 100%, 82%
CMY	0.3294, 0.0000, 0.1765
CMYK	0.33, 0.00, 0.18, 0.00
HSL	148°, 100%, 84%
HSV	148°, 33%, 100%
XYZ	64.1874, 84.8311, 73.9638
YIQ	224.7540, -35.6190, -31.8030

Conversions

Conversions Part 2

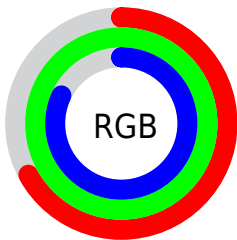
Format	Color
RYB	171, 228, 255
Decimal	11272146
CIELab	93.81, -34.65, 13.52
CIELCh	94, 37.190, 158.690
Yxy	84.8311, 0.2879, 0.3804
Android (android.graphics.Color)	4289462226 (0xFFABFFD2)
YUV	224.7540, -7.2737, -47.1423
Hunter-Lab	92.1038, -36.7844, 16.8599

Details

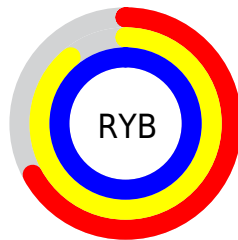
The RGB color **171, 255, 210** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **255, 171, 216**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **228, 255, 255**, and **116, 198, 155** is the 20% darker color. If you saturate the color by 10%, you get **146, 255, 196**, and if you desaturate by 10%, it is **196, 255, 224**.

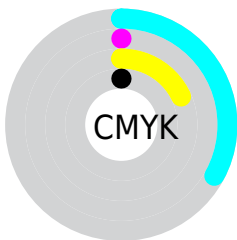
Distribution



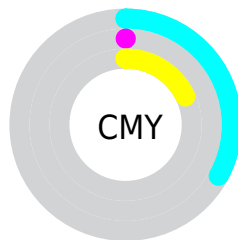
- Red (67%)
- Green (100%)
- Blue (82%)



- Red (67%)
- Yellow (89%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 255, 210 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 171, 255, 210 by changing the saturation by 10% instead.

 171, 255, 210


255, 255, 255


 228, 255, 255

 171, 255, 210


 143, 226, 182

 116, 198, 155

 89, 170, 129

 61, 143, 104

 32, 117, 80

 0, 92, 57

 0, 68, 35

 0, 45, 14

 0, 22, 0

 171, 255, 210

 171, 255, 210

 146, 255, 196

 196, 255, 224

 120, 255, 183

 222, 255, 237

 95, 255, 169

 248, 255, 251

 69, 255, 155

255, 255, 255

 44, 255, 142

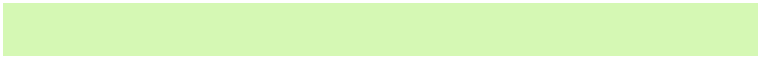
 18, 255, 128

 0, 255, 118

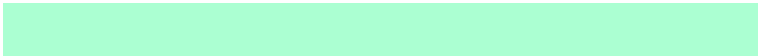
Harmonies

Analogous

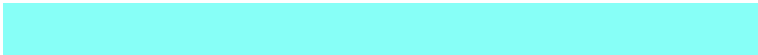
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213, 248, 180



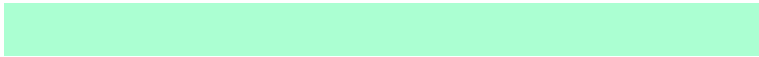
171, 255, 210



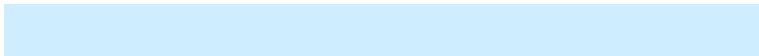
135, 255, 247

Triad

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



171, 255, 210



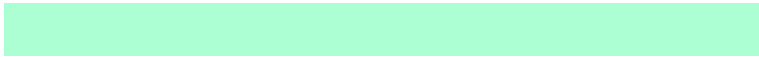
206, 237, 255



255, 216, 194

Complementary

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



171, 255, 210



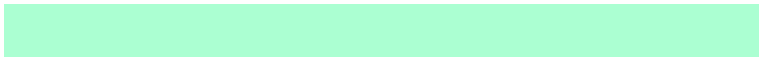
255, 171, 216

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, 228



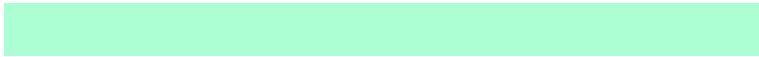
171, 255, 210



255, 224, 255

Square

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



171, 255, 210



155, 248, 255



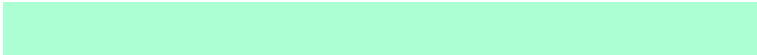
255, 214, 255



255, 226, 171

Rectangle

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



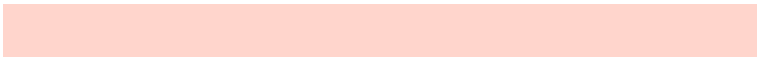
171, 255, 210



124, 255, 255



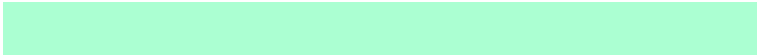
255, 214, 255



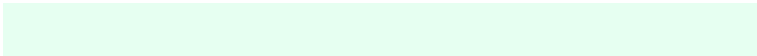
255, 213, 204

Sweetspot

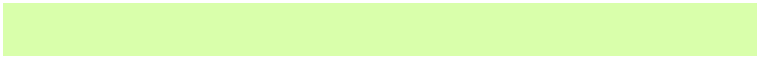
The Sweet Spot groups the original color and five complimentary colors.



171, 255, 210



230, 255, 241



217, 255, 171



112, 128, 119



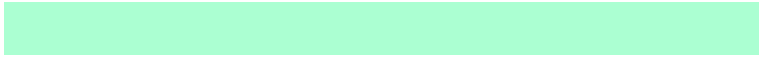
0, 0, 0



128, 128, 128

Same Dimension

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



171, 255, 210



153, 255, 200



171, 255, 251



115, 128, 121



0, 191, 89



0, 64, 30

Inverse Universe

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



255, 171, 216



255, 153, 208



255, 171, 175



128, 115, 122



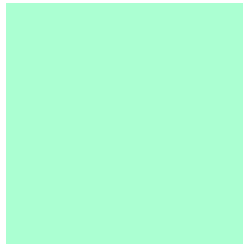
191, 0, 102



64, 0, 34

Previews

White Background



This preview shows how the RGB color 171, 255, 210 looks on a white background.

Color Contrast Check

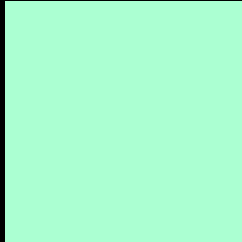
Large Text (above 18pt) WCAG AA × Fail

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 171, 255, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

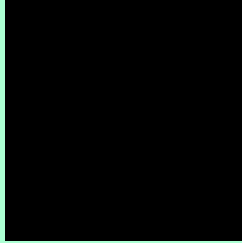
Any Text WCAG AA ✓ Pass

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 171, 255, 210 Background



This preview shows how black text looks on a background with the RGB color 171, 255, 210.



This preview shows how white text looks on a background with the RGB color 171, 255, 210.

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





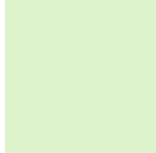
Tritanopia
207, 243, 255

Trichromacy



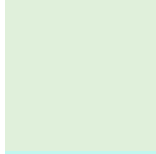
Original Color

171, 255, 210



Protanomaly

221, 243, 204



Deuteranomaly

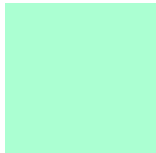
224, 240, 219



Tritanomaly

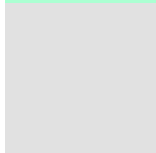
194, 247, 239

Monochromacy



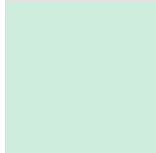
Original Color

171, 255, 210



Achromatopsia

225, 225, 225



Achromatomaly

205, 236, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 255, 210 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(171, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(171, 255, 210)  
}
```

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(171, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 255, 210) }
```

Border

The CSS property to change the border of an element to RGB 171, 255, 210 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(171, 255, 210) }
```

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

```
.border{ border-color:rgb(171, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 255, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 255, 210); box-shadow:4px 4px 4px 4px rgb(171, 255, 210) }
```

Background

The CSS property to change the background color of an element to RGB 171, 255, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 255, 210) }
```

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

```
.background{ background-color: rgb(171,  
255, 210) }
```

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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