

Converting Colors

RGB(177, 255, 231)

Have a look what the booklet for
RGB(177, 255, 231) contains.

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Color

RGB(177, 255, 231)

Conversions

Conversions Part 1

Format	Color
Hex	B1FFE7
RGB	177, 255, 231
RGB Percent	69%, 100%, 91%
CMY	0.3059, 0.0000, 0.0941
CMYK	0.31, 0.00, 0.09, 0.00
HSL	162°, 100%, 85%
HSV	162°, 31%, 100%
XYZ	68.3153, 86.6366, 88.7233
YIQ	228.9420, -38.7840, -24.0000

Conversions

Conversions Part 2

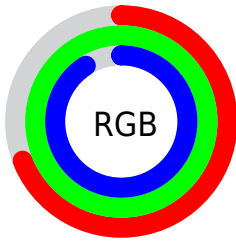
Format	Color
RYB	177, 223, 255
Decimal	11665383
CIELab	94.58, -28.77, 3.86
CIElCh	95, 29.030, 172.366
Yxy	86.6366, 0.2804, 0.3555
Android (android.graphics.Color)	4289855463 (0xFFB1FFE7)
YUV	228.9420, 1.0146, -45.5531
Hunter-Lab	93.0788, -31.8777, 8.6396

Details

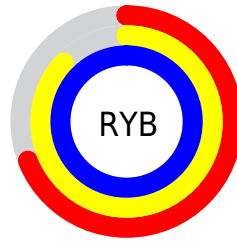
The RGB color **177, 255, 231** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **255, 177, 201**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **234, 255, 255**, and **122, 198, 175** is the 20% darker color. If you saturate the color by 10%, you get **151, 255, 223**, and if you desaturate by 10%, it is **203, 255, 239**.

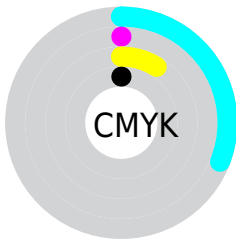
Distribution



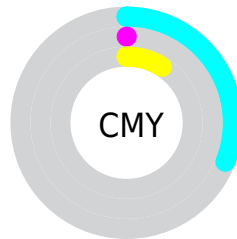
- Red (69%)
- Green (100%)
- Blue (91%)



- Red (69%)
- Yellow (87%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (31%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 177, 255, 231 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 177, 255, 231 by changing the saturation by 10% instead.


 177, 255, 231


255, 255, 255


 234, 255, 255

 177, 255, 231

 149, 226, 203

 122, 198, 175

 95, 170, 149

 68, 144, 123

 40, 118, 98

 1, 93, 74

 0, 69, 52

 0, 46, 31

 0, 25, 6

■ 177, 255, 231

■ 177, 255, 231

■ 151, 255, 223

■ 203, 255, 239

■ 126, 255, 215

■ 228, 255, 247

■ 100, 255, 207

254, 255, 255

■ 75, 255, 200

255, 255, 255

■ 49, 255, 192

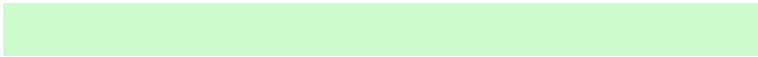
■ 24, 255, 184

■ 0, 255, 177

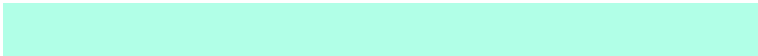
Harmonies

Analogous

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



206, 251, 204



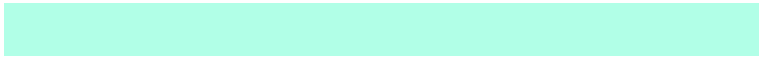
177, 255, 231



160, 255, 255

Triad

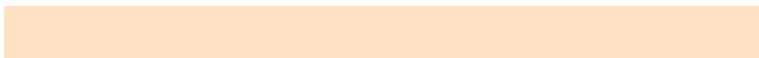
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



177, 255, 231



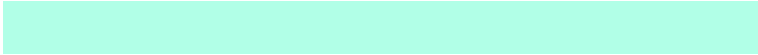
235, 235, 255



255, 226, 196

Complementary

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



177, 255, 231



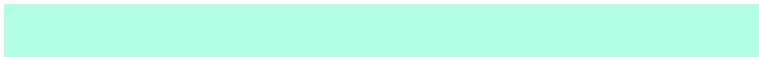
255, 177, 201

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, 220, 219



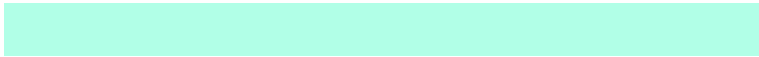
177, 255, 231



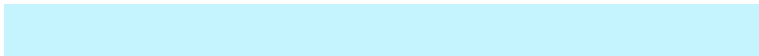
255, 226, 255

Square

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



177, 255, 231



197, 244, 255



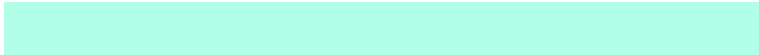
255, 220, 248



255, 235, 184

Rectangle

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



177, 255, 231



162, 253, 255



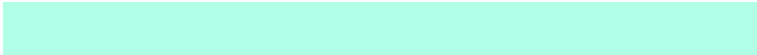
255, 220, 248



255, 224, 203

Sweetspot

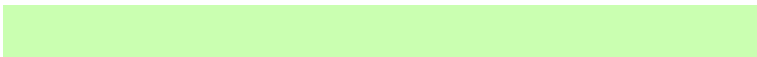
The Sweet Spot groups the original color and five complimentary colors.



177, 255, 231



232, 255, 248



202, 255, 177



113, 128, 123



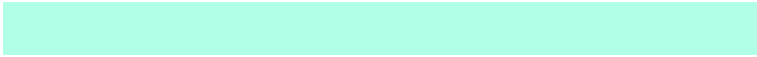
0, 0, 0



128, 128, 128

Same Dimension

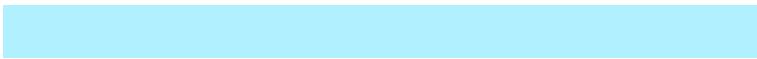
The Same Dimension uses a secret algorithm to generate beautiful new colors.



177, 255, 231



161, 255, 226



177, 241, 255



115, 128, 124



0, 191, 132



0, 64, 44

Inverse Universe

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



255, 177, 201



255, 161, 190



255, 191, 177



128, 115, 119



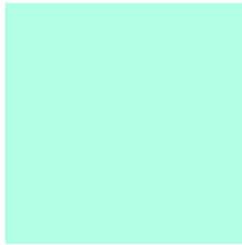
191, 0, 59



64, 0, 20

Previews

White Background



This preview shows how the RGB color 177, 255, 231 looks on a white background.

Color Contrast Check

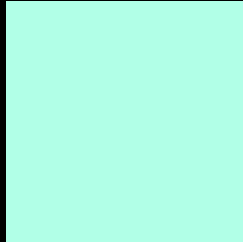
Large Text (above 18pt) WCAG AA × Fail

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 177, 255, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

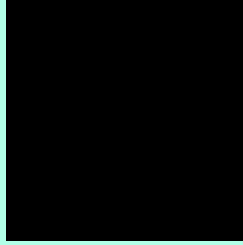
Any Text WCAG AA ✓ Pass

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 177, 255, 231 Background



This preview shows how black text looks on a background with the RGB color 177, 255, 231.



This preview shows how white text looks on a background with the RGB color 177, 255, 231.

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
213, 244, 255

Trichromacy



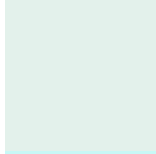
Original Color

177, 255, 231



Protanomaly

222, 244, 225



Deuteranomaly

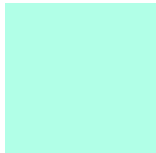
227, 241, 235



Tritanomaly

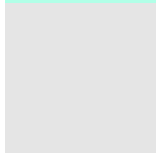
200, 248, 246

Monochromacy



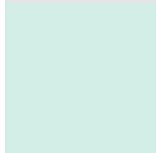
Original Color

177, 255, 231



Achromatopsia

229, 229, 229



Achromatomaly

210, 238, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 255, 231 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(177, 255, 231)` looks like.

```
.text, #text, p{  
    color:rgb(177, 255, 231)  
}
```

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(177, 255, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 255, 231) }
```

Border

The CSS property to change the border of an element to RGB 177, 255, 231 is called "border". The border property can be set on classes, ids or directly on the HTML element.

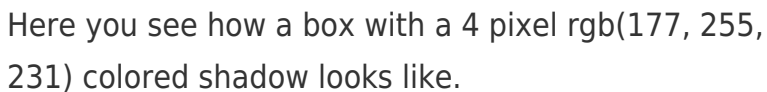
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 255, 231) }
```

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

```
.border{ border-color:rgb(177, 255, 231) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 255, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 255, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 255, 231); box-shadow:4px 4px 4px 4px rgb(177, 255, 231) }
```

Background

The CSS property to change the background color of an element to RGB 177, 255, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 255, 231) }
```

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

```
.background{ background-color: rgb(177,  
255, 231) }
```

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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