

# Converting Colors

RGB(170, 253, 227)

Have a look what the booklet for  
RGB(170, 253, 227) contains.

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# **Color**

**RGB(170, 253, 227)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAFDE3
RGB	170, 253, 227
RGB Percent	67%, 99%, 89%
CMY	0.3333, 0.0078, 0.1098
CMYK	0.33, 0.00, 0.10, 0.01
HSL	161°, 95%, 83%
HSV	161°, 33%, 99%
XYZ	65.5680, 84.3427, 85.4970
YIQ	225.2190, -41.1220, -25.6820

# Conversions

## Conversions Part 2

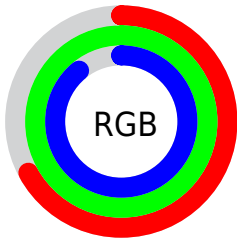
Format	Color
R <sub>Y</sub> B	170, 219, 253
Decimal	11206115
CIE Lab	93.60, -30.61, 4.45
CIE LCh	94, 30.937, 171.728
Yxy	84.3427, 0.2785, 0.3583
Android (android.graphics.Color)	4289396195 (0xFFAAFDE3)
YUV	225.2190, 0.8780, -48.4271
Hunter-Lab	91.8383, -33.2768, 9.0906

# Details

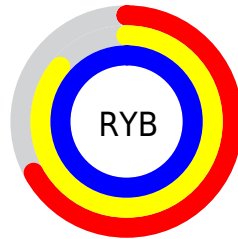
The RGB color **170, 253, 227** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **253, 170, 196**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **227, 255, 255**, and **115, 196, 172** is the 20% darker color. If you saturate the color by 10%, you get **145, 253, 219**, and if you desaturate by 10%, it is **195, 253, 235**.

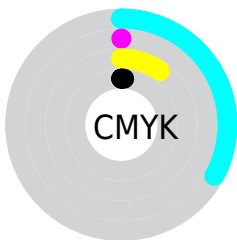
# Distribution



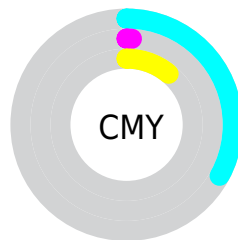
- Red (67%)
- Green (99%)
- Blue (89%)



- Red (67%)
- Yellow (86%)
- Blue (99%)



- Cyan (33%)
- Magenta (0%)
- Yellow (10%)
- Black (1%)



- Cyan (33%)
- Magenta (1%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 170, 253, 227 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 170, 253, 227 by changing the saturation by 10% instead.



 170, 253, 227


255, 255, 255


 227, 255, 255

 170, 253, 227

 142, 224, 199

 115, 196, 172

 87, 169, 145

 60, 142, 120

 29, 116, 95

 0, 91, 71

 0, 67, 49

 0, 44, 28

 0, 21, 2

■ 170, 253, 227

■ 170, 253, 227

■ 145, 253, 219

■ 195, 253, 235

■ 119, 253, 211

■ 221, 253, 243

■ 94, 253, 203

■ 246, 253, 251

■ 69, 253, 195

■ 255, 253, 255

■ 44, 253, 187

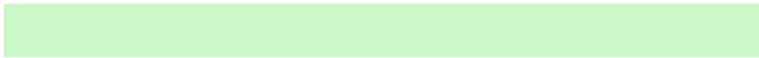
■ 18, 253, 179

■ 0, 253, 174

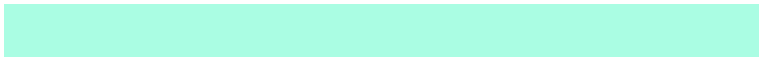
# Harmonies

## Analogous

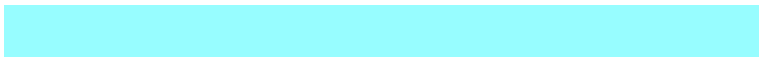
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



202, 249, 199



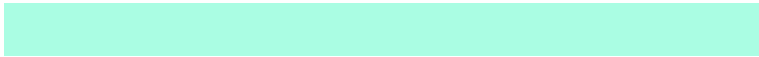
170, 253, 227



151, 253, 255

# Triad

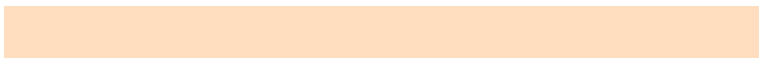
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



170, 253, 227



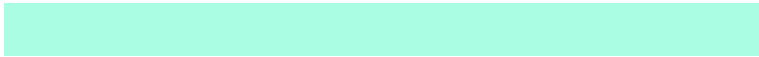
230, 232, 255



255, 222, 191

# Complementary

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



170, 253, 227



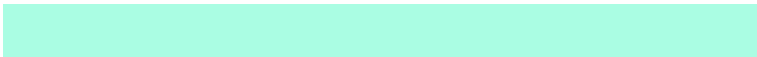
253, 170, 196

# 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, 216, 216



170, 253, 227



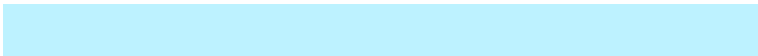
255, 222, 255

# Square

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



170, 253, 227



189, 242, 255



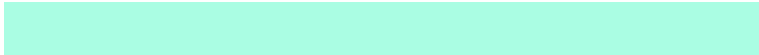
255, 216, 246



255, 232, 178

# Rectangle

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



170, 253, 227



152, 251, 255



255, 216, 246

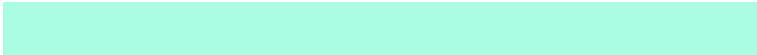


255, 220, 198

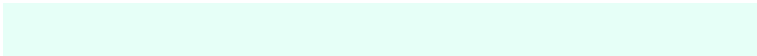


# Sweetspot

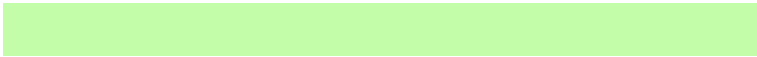
The Sweet Spot groups the original color and five complimentary colors.



170, 253, 227



230, 255, 247



196, 253, 170



112, 128, 123



0, 0, 0

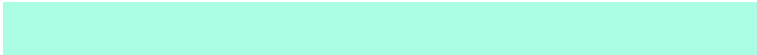


128, 128, 128

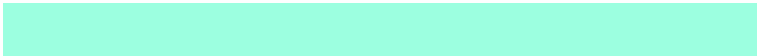


# Same Dimension

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



170, 253, 227



156, 255, 224



170, 238, 253



115, 128, 124



0, 191, 131



0, 64, 44



# Inverse Universe

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



253, 170, 196



255, 156, 187



253, 185, 170



128, 115, 119



191, 0, 60

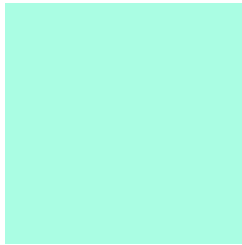


64, 0, 20



# Previews

## White Background



This preview shows how the RGB color 170, 253, 227 looks on a white background.

## Color Contrast Check

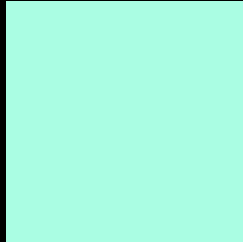
Large Text (above 18pt) WCAG AA × Fail

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 170, 253, 227 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

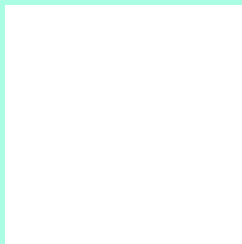
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 170, 253, 227 Background



This preview shows how black text looks on a background with the RGB color 170, 253, 227.



This preview shows how white text looks on a background with the RGB color 170, 253, 227.

# 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





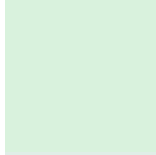
**Tritanopia**  
204, 243, 255

# Trichromacy



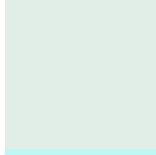
**Original Color**

170, 253, 227



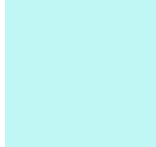
**Protanomaly**

217, 242, 221



**Deuteranomaly**

224, 238, 231



**Tritanomaly**

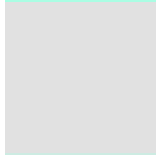
192, 247, 245

# Monochromacy



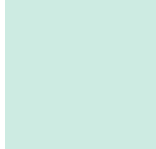
**Original Color**

170, 253, 227



**Achromatopsia**

225, 225, 225



**Achromatomaly**

205, 235, 226

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 170, 253, 227 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(170, 253, 227)` looks like.

```
.text, #text, p{  
    color:rgb(170, 253, 227)  
}
```

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(170, 253, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 253, 227) }
```

## Border

The CSS property to change the border of an element to RGB 170, 253, 227 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(170, 253, 227) }
```

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

```
.border{ border-color:rgb(170, 253, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 253, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 253, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 253, 227);  
box-shadow:4px 4px 4px 4px rgb(170, 253,  
227) }
```

# Background

The CSS property to change the background color of an element to RGB 170, 253, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 253, 227) }
```

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

```
.background{ background-color: rgb(170,  
253, 227) }
```

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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