

# Converting Colors

RGB(180, 249, 220)

Have a look what the booklet for  
RGB(180, 249, 220) contains.

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# **Color**

**RGB(180, 249, 220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4F9DC
RGB	180, 249, 220
RGB Percent	71%, 98%, 86%
CMY	0.2941, 0.0235, 0.1373
CMYK	0.28, 0.00, 0.12, 0.02
HSL	155°, 85%, 84%
HSV	155°, 28%, 98%
XYZ	65.6163, 82.6220, 80.1994
YIQ	225.0630, -31.8150, -23.6470

# Conversions

## Conversions Part 2

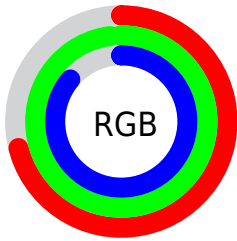
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	180, 224, 249
Decimal	11860444
CIE Lab	92.85, -27.27, 7.05
CIE LCh	93, 28.168, 165.506
Yxy	82.6220, 0.2872, 0.3617
Android (android.graphics.Color)	4290050524 (0xFFB4F9DC)
YUV	225.0630, -2.4961, -39.5203
Hunter-Lab	90.8966, -30.2137, 11.3152

# Details

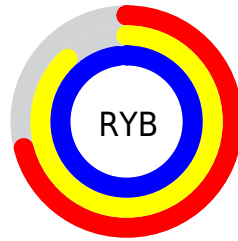
The RGB color **180, 249, 220** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **249, 180, 209**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **237, 255, 255**, and **125, 192, 165** is the 20% darker color. If you saturate the color by 10%, you get **155, 249, 210**, and if you desaturate by 10%, it is **205, 249, 230**.

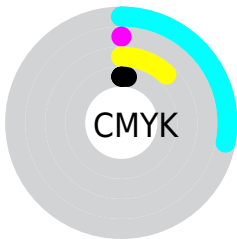
# Distribution



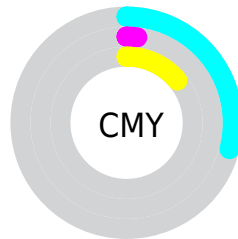
- Red (71%)
- Green (98%)
- Blue (86%)



- Red (71%)
- Yellow (88%)
- Blue (98%)



- Cyan (28%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)



- Cyan (29%)
- Magenta (2%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 180, 249, 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 180, 249, 220 by changing the saturation by 10% instead.



 180, 249, 220


255, 255, 255


 237, 255, 255


 180, 249, 220

 152, 220, 192

 125, 192, 165

 99, 165, 139

 73, 138, 113

 47, 113, 89

 17, 88, 65

 0, 64, 43

 0, 41, 23

 0, 18, 0

 180, 249, 220

 180, 249, 220

 155, 249, 210

 205, 249, 230

 130, 249, 199

 230, 249, 241

 105, 249, 189

 255, 249, 251

 80, 249, 178

 255, 249, 255

 55, 249, 168

 31, 249, 157

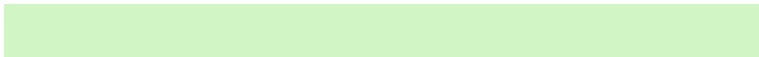
 6, 249, 147

 0, 249, 144

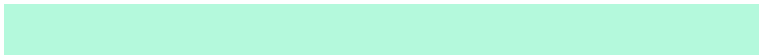
# Harmonies

## Analogous

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



209, 245, 196



180, 249, 220



160, 250, 248

# Triad

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



180, 249, 220



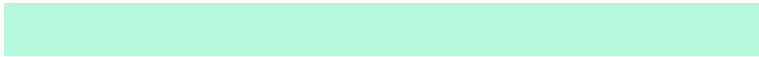
221, 232, 255



255, 220, 197

# Complementary

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



180, 249, 220



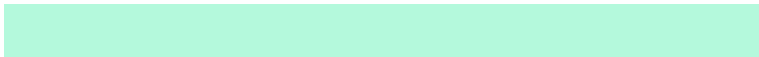
249, 180, 209

# 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, 215, 221



180, 249, 220



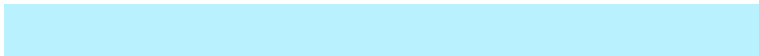
255, 223, 255

# Square

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



180, 249, 220



185, 241, 255



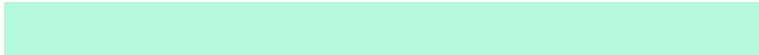
255, 216, 249



255, 228, 183

# Rectangle

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



180, 249, 220



158, 249, 255



255, 216, 249

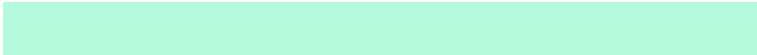


255, 218, 204

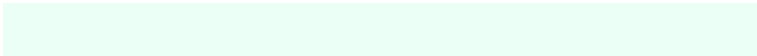


# Sweetspot

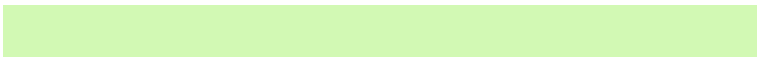
The Sweet Spot groups the original color and five complimentary colors.



180, 249, 220



235, 255, 246



210, 249, 180



115, 128, 122



0, 0, 0



128, 128, 128

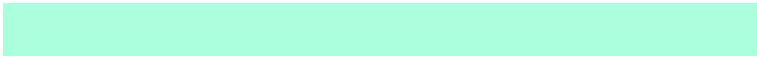


# Same Dimension

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



180, 249, 220



171, 255, 220



180, 244, 249



112, 125, 120



0, 189, 109



0, 61, 35



# Inverse Universe

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



249, 180, 209



255, 171, 206



249, 185, 180



125, 112, 118



189, 0, 79

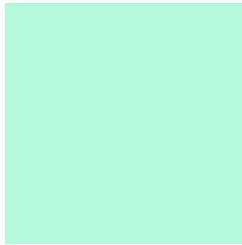


61, 0, 26



# Previews

## White Background



This preview shows how the RGB color 180, 249, 220 looks on a white background.

## Color Contrast Check

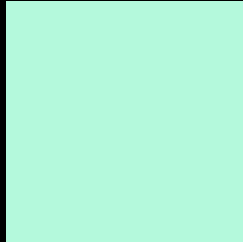
Large Text (above 18pt) WCAG AA × Fail

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 180, 249, 220 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

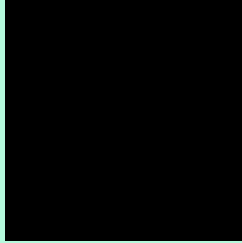
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

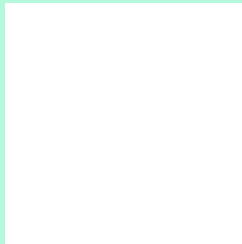
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 180, 249, 220 Background



This preview shows how black text looks on a background with the RGB color 180, 249, 220.



This preview shows how white text looks on a background with the RGB color 180, 249, 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





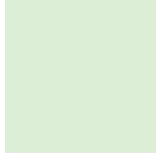
**Tritanopia**  
202, 240, 255

# Trichromacy



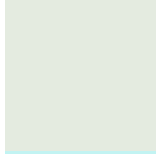
**Original Color**

180, 249, 220



**Protanomaly**

220, 239, 214



**Deuteranomaly**

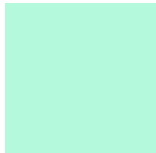
228, 235, 224



**Tritanomaly**

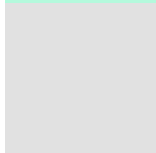
194, 243, 242

# Monochromacy



**Original Color**

180, 249, 220



**Achromatopsia**

225, 225, 225



**Achromatomaly**

209, 234, 223

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 180, 249, 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(180, 249, 220)` looks like.

```
.text, #text, p{  
    color:rgb(180, 249, 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(180, 249, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 249, 220) }
```

## Border

The CSS property to change the border of an element to RGB 180, 249, 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(180, 249, 220) }
```

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

```
.border{ border-color:rgb(180, 249, 220) }
```

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

Here you see how a box with a 4 pixel rgb(180, 249, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 249, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 249, 220);  
box-shadow:4px 4px 4px 4px rgb(180, 249,  
220) }
```

# Background

The CSS property to change the background color of an element to RGB 180, 249, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 249, 220) }
```

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

```
.background{ background-color: rgb(180,  
249, 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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