

# Converting Colors

RGB(195, 245, 230)

Have a look what the booklet for  
RGB(195, 245, 230) contains.

<b>RGB(195, 245, 230)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**RGB(195, 245, 230)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3F5E6
RGB	195, 245, 230
RGB Percent	76%, 96%, 90%
CMY	0.2353, 0.0392, 0.0980
CMYK	0.20, 0.00, 0.06, 0.04
HSL	162°, 71%, 86%
HSV	162°, 20%, 96%
XYZ	69.4410, 82.6201, 87.1503
YIQ	228.3400, -24.9850, -15.2650

# Conversions

## Conversions Part 2

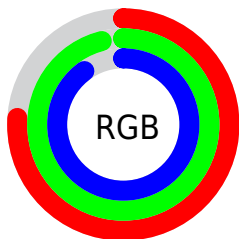
Format	Color
R <sub>Y</sub> B	195, 224, 245
Decimal	12842470
CIE Lab	92.85, -18.84, 1.97
CIE LCh	93, 18.947, 174.020
Yxy	82.6201, 0.2903, 0.3454
Android (android.graphics.Color)	4291032550 (0xFFC3F5E6)
YUV	228.3400, 0.8184, -29.2392
Hunter-Lab	90.8956, -22.6996, 6.7800

# Details

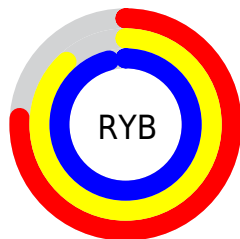
The RGB color **195, 245, 230** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **245, 195, 210**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 252, 255, 255, and **140, 189, 175** is the 20% darker color. If you saturate the color by 10%, you get **171, 245, 223**, and if you desaturate by 10%, it is **219, 245, 237**.

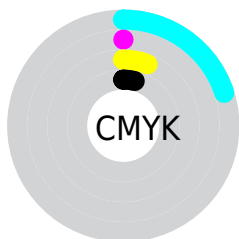
# Distribution



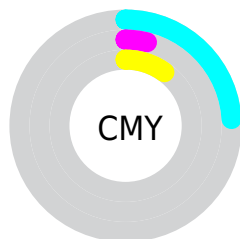
- Red (76%)
- Green (96%)
- Blue (90%)



- Red (76%)
- Yellow (88%)
- Blue (96%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)



- Cyan (24%)
- Magenta (4%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 195, 245, 230 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 195, 245, 230 by changing the saturation by 10% instead.




 195, 245, 230

255, 255, 255


 252, 255, 255

 195, 245, 230

 167, 216, 202

 140, 189, 175

 114, 162, 148

 89, 135, 122

 64, 110, 97

 40, 85, 74


 14, 62, 51

 0, 40, 30

 0, 18, 5

 195, 245, 230

 195, 245, 230

 171, 245, 223

 219, 245, 237

 146, 245, 215

 244, 245, 245

 122, 245, 208

 255, 245, 252

 97, 245, 201

 255, 245, 255

 72, 245, 193

 48, 245, 186

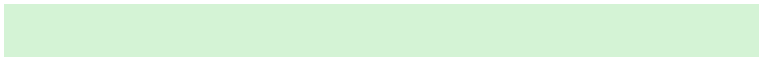
 23, 245, 179

 0, 245, 172

# Harmonies

## Analogous

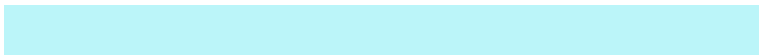
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212, 243, 213



195, 245, 230



187, 245, 249

# Triad

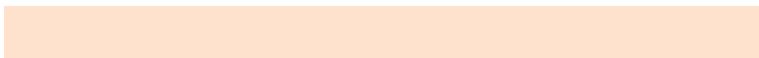
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



195, 245, 230



233, 231, 255



255, 226, 206

# Complementary

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



195, 245, 230



245, 195, 210

# 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, 223, 220



195, 245, 230



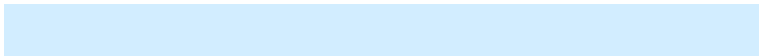
255, 225, 255

# Square

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



195, 245, 230



210, 237, 255



255, 222, 239



253, 232, 199

# Rectangle

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



195, 245, 230



189, 243, 255



255, 222, 239

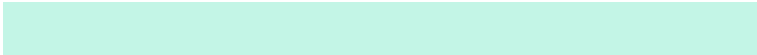


255, 225, 210



# Sweetspot

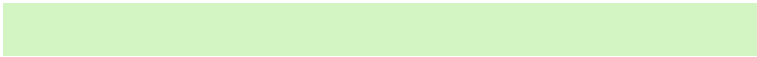
The Sweet Spot groups the original color and five complimentary colors.



195, 245, 230



240, 255, 250



210, 245, 195



119, 128, 125



0, 0, 0



128, 128, 128

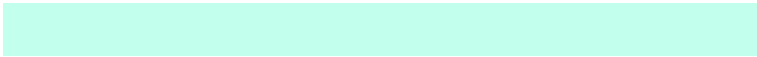


# Same Dimension

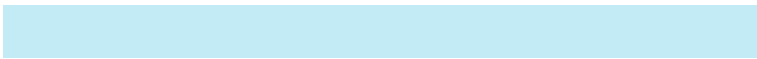
The Same Dimension uses a secret algorithm to generate beautiful new colors.



195, 245, 230



194, 255, 237



195, 235, 245



110, 122, 119



0, 186, 130



0, 59, 41



# Inverse Universe

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



245, 195, 210



255, 194, 212



245, 205, 195



122, 110, 114



186, 0, 56

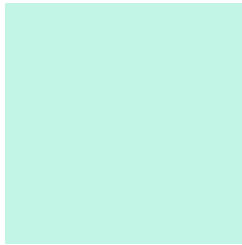


59, 0, 18



# Previews

## White Background



This preview shows how the RGB color 195, 245, 230 looks on a white background.

## Color Contrast Check

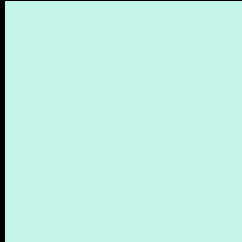
Large Text (above 18pt) WCAG AA × Fail

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 195, 245, 230 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

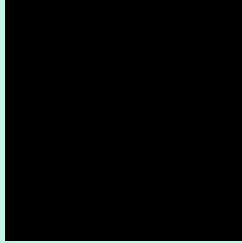
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

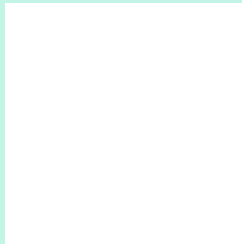
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 195, 245, 230 Background



This preview shows how black text looks on a background with the RGB color 195, 245, 230.



This preview shows how white text looks on a background with the RGB color 195, 245, 230.

# 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

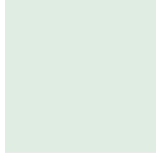
208, 239, 255

# Trichromacy



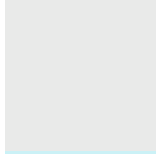
**Original Color**

195, 245, 230



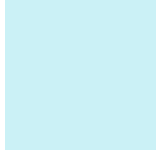
**Protanomaly**

224, 237, 226



**Deuteranomaly**

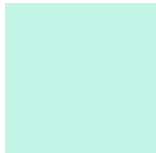
233, 234, 233



**Tritanomaly**

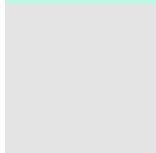
203, 241, 246

# Monochromacy



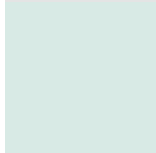
**Original Color**

195, 245, 230



**Achromatopsia**

228, 228, 228



**Achromatomaly**

216, 234, 229

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 195, 245, 230 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(195, 245, 230)` looks like.

```
.text, #text, p{  
    color:rgb(195, 245, 230)  
}
```

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(195, 245, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 245, 230) }
```

## Border

The CSS property to change the border of an element to RGB 195, 245, 230 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(195, 245, 230) }
```

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

```
.border{ border-color:rgb(195, 245, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 245, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 245, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 245, 230);  
box-shadow:4px 4px 4px 4px rgb(195, 245,  
230) }
```

# Background

The CSS property to change the background color of an element to RGB 195, 245, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 245, 230) }
```

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

```
.background{ background-color: rgb(195,  
245, 230) }
```

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