

Converting Colors

RGB(170, 235, 210)

Have a look what the booklet for
RGB(170, 235, 210) contains.

RGB(170, 235, 210)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(170, 235, 210)

Conversions

Conversions Part 1

Format	Color
Hex	AAEBD2
RGB	170, 235, 210
RGB Percent	67%, 92%, 82%
CMY	0.3333, 0.0784, 0.1765
CMYK	0.28, 0.00, 0.11, 0.08
HSL	157°, 62%, 79%
HSV	157°, 28%, 92%
XYZ	57.9188, 72.6159, 71.9364
YIQ	212.7150, -30.7150, -21.5550

Conversions

Conversions Part 2

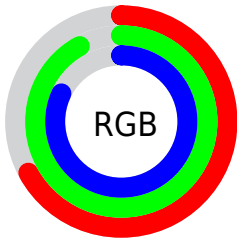
Format	Color
RYB	170, 210, 235
Decimal	11201490
CIELab	88.26, -25.51, 5.57
CIELCh	88, 26.116, 167.675
Yxy	72.6159, 0.2861, 0.3586
Android (android.graphics.Color)	4289391570 (0xFFAAEBD2)
YUV	212.7150, -1.3385, -37.4611
Hunter-Lab	85.2149, -27.8035, 9.5993

Details

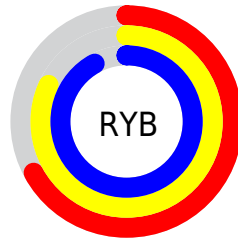
The RGB color **170, 235, 210** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **235, 170, 195**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **227, 255, 255**, and **116, 179, 156** is the 20% darker color. If you saturate the color by 10%, you get **147, 235, 201**, and if you desaturate by 10%, it is **194, 235, 219**.

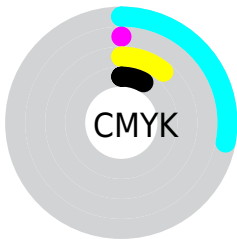
Distribution



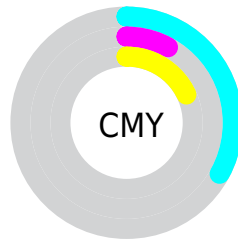
- Red (67%)
- Green (92%)
- Blue (82%)



- Red (67%)
- Yellow (82%)
- Blue (92%)



- Cyan (28%)
- Magenta (0%)
- Yellow (11%)
- Black (8%)



- Cyan (33%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 235, 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 170, 235, 210 by changing the saturation by 10% instead.

 170, 235, 210


255, 255, 255


 227, 255, 255

 170, 235, 210

 143, 207, 182

 116, 179, 156


 90, 152, 130

 64, 126, 104

 38, 101, 80

 6, 76, 57

 0, 53, 36

 0, 33, 15

 0, 0, 0

 170, 235, 210

 170, 235, 210

 147, 235, 201

 194, 235, 219

 123, 235, 192

 217, 235, 228

 100, 235, 183

 240, 235, 237

 76, 235, 174

 255, 235, 246

 52, 235, 165

 255, 235, 255

 29, 235, 156

 5, 235, 147

 0, 235, 145

Harmonies

Analogous

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



196, 231, 187



170, 235, 210



153, 236, 236

Triad

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



170, 235, 210



212, 219, 255



255, 209, 186

Complementary

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



170, 235, 210



235, 170, 195

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, 204, 207



170, 235, 210



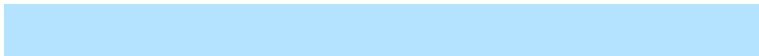
243, 210, 255

Square

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



170, 235, 210



179, 227, 255



255, 205, 233



250, 216, 173

Rectangle

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



170, 235, 210



153, 234, 251



255, 205, 233



255, 207, 192

Sweetspot

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



170, 235, 210



235, 255, 247



196, 235, 170



115, 128, 123



0, 0, 0



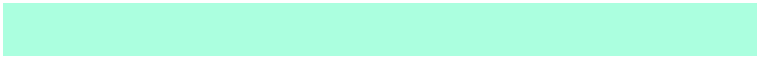
128, 128, 128

Same Dimension

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



170, 235, 210



171, 255, 223



170, 228, 235



106, 117, 113



0, 181, 111



0, 54, 33

Inverse Universe

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



235, 170, 195



255, 171, 203



235, 177, 170



117, 106, 110



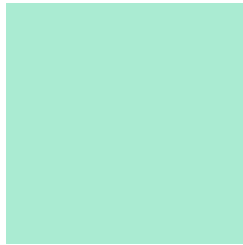
181, 0, 70



54, 0, 21

Previews

White Background



This preview shows how the RGB color 170, 235, 210 looks on a white background.

Color Contrast Check

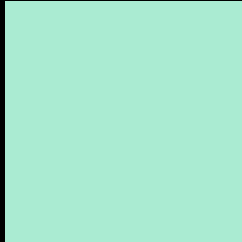
Large Text (above 18pt) WCAG AA × Fail

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 170, 235, 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

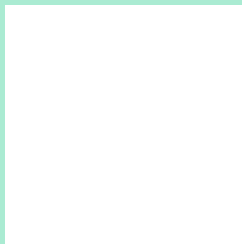
Any Text WCAG AAA ✓ Pass

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

RGB 170, 235, 210 Background



This preview shows how black text looks on a background with the RGB color 170, 235, 210.



This preview shows how white text looks on a background with the RGB color 170, 235, 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





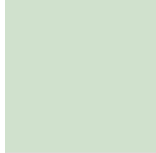
Tritanopia
178, 230, 248

Trichromacy



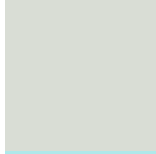
Original Color

170, 235, 210



Protanomaly

208, 225, 205



Deuteranomaly

217, 221, 213



Tritanomaly

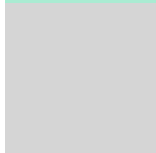
175, 232, 234

Monochromacy



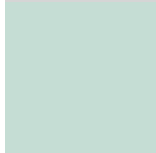
Original Color

170, 235, 210



Achromatopsia

213, 213, 213



Achromatomaly

197, 221, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 235, 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(170, 235, 210)` looks like.

```
.text, #text, p{  
    color:rgb(170, 235, 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(170, 235, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 235, 210) }
```

Border

The CSS property to change the border of an element to RGB 170, 235, 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(170, 235, 210) }
```

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

```
.border{ border-color:rgb(170, 235, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 235, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 235, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 235, 210); box-shadow:4px 4px 4px 4px rgb(170, 235, 210) }
```

Background

The CSS property to change the background color of an element to RGB 170, 235, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 235, 210) }
```

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

```
.background{ background-color: rgb(170,  
235, 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](#).

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