

Converting Colors

RGB(170, 227, 203)

Have a look what the booklet for
RGB(170, 227, 203) contains.

RGB(170, 227, 203)	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, 227, 203)

Conversions

Conversions Part 1

Format	Color
Hex	AAE3CB
RGB	170, 227, 203
RGB Percent	67%, 89%, 80%
CMY	0.3333, 0.1098, 0.2039
CMYK	0.25, 0.00, 0.11, 0.11
HSL	155°, 50%, 78%
HSV	155°, 25%, 89%
XYZ	54.8261, 67.7960, 66.6962
YIQ	207.2210, -26.2680, -19.5480

Conversions

Conversions Part 2

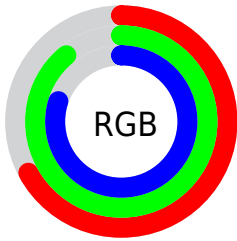
Format	Color
RYB	170, 206, 227
Decimal	11199435
CIELab	85.90, -23.03, 5.84
CIELCh	86, 23.756, 165.762
Yxy	67.7960, 0.2896, 0.3581
Android (android.graphics.Color)	4289389515 (0xFFAAE3CB)
YUV	207.2210, -2.0810, -32.6428
Hunter-Lab	82.3383, -25.2353, 9.6104

Details

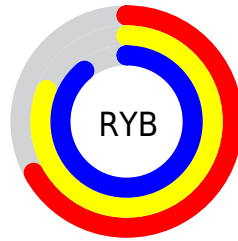
The RGB color **170, 227, 203** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **227, 170, 194**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **226, 255, 255**, and **116, 171, 149** is the 20% darker color. If you saturate the color by 10%, you get **147, 227, 193**, and if you desaturate by 10%, it is **193, 227, 213**.

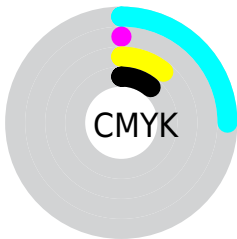
Distribution



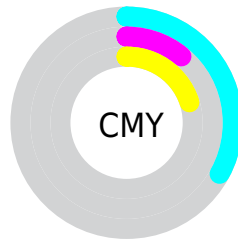
- Red (67%)
- Green (89%)
- Blue (80%)



- Red (67%)
- Yellow (81%)
- Blue (89%)



- Cyan (25%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (33%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 227, 203 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, 227, 203 by changing the saturation by 10% instead.

 170, 227, 203


255, 255, 255

 226, 255, 255


 170, 227, 203


 143, 199, 176

 116, 171, 149

 91, 145, 123

 66, 119, 98

 41, 94, 74

 13, 70, 52

 0, 47, 31

 0, 28, 6

 0, 0, 0

 170, 227, 203

 170, 227, 203

 147, 227, 193

 193, 227, 213

 125, 227, 184

 215, 227, 222

 102, 227, 174

 238, 227, 232

 79, 227, 165

 255, 227, 241

 56, 227, 155

 255, 227, 251

 34, 227, 146

 255, 227, 255

 11, 227, 136

 0, 227, 131

Harmonies

Analogous

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



194, 223, 183



170, 227, 203



155, 228, 226

Triad

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



170, 227, 203



205, 213, 255



255, 203, 184

Complementary

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



170, 227, 203



227, 170, 194

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, 199, 204



170, 227, 203



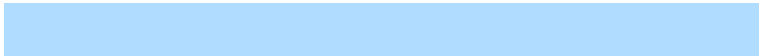
233, 205, 246

Square

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



170, 227, 203



175, 220, 255



253, 200, 226



242, 210, 172

Rectangle

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



170, 227, 203



153, 227, 240



253, 200, 226



255, 201, 190

Sweetspot

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



170, 227, 203



235, 255, 246



195, 227, 170



115, 128, 122



0, 0, 0



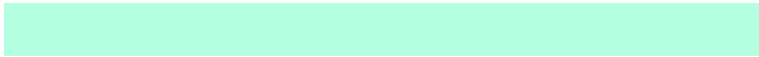
128, 128, 128

Same Dimension

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



170, 227, 203



179, 255, 223



170, 223, 227



103, 115, 110



0, 179, 103



0, 51, 30

Inverse Universe

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



227, 170, 194



255, 179, 211



227, 174, 170



115, 103, 108



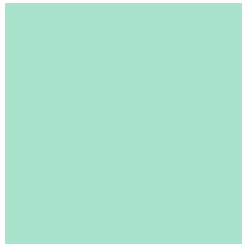
179, 0, 75



51, 0, 21

Previews

White Background



This preview shows how the RGB color 170, 227, 203 looks on a white background.

Color Contrast Check

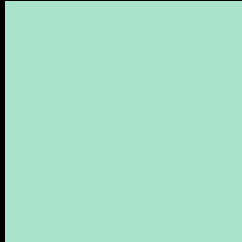
Large Text (above 18pt) WCAG AA × Fail

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, 227, 203 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

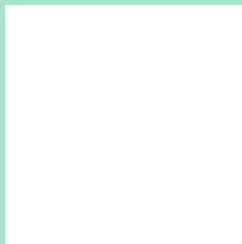
Any Text WCAG AAA ✓ Pass

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

RGB 170, 227, 203 Background



This preview shows how black text looks on a background with the RGB color 170, 227, 203.



This preview shows how white text looks on a background with the RGB color 170, 227, 203.

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





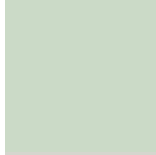
Tritanopia
177, 222, 239

Trichromacy



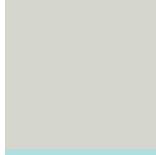
Original Color

170, 227, 203



Protanomaly

203, 218, 199



Deuteranomaly

213, 214, 206



Tritanomaly

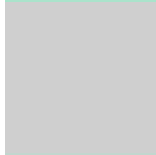
174, 224, 226

Monochromacy



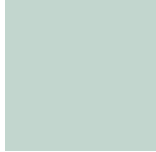
Original Color

170, 227, 203



Achromatopsia

207, 207, 207



Achromatomaly

194, 214, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 227, 203 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, 227, 203)` looks like.

```
.text, #text, p{  
    color:rgb(170, 227, 203)  
}
```

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, 227, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 227, 203) }
```

Border

The CSS property to change the border of an element to RGB 170, 227, 203 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, 227, 203) }
```

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

```
.border{ border-color:rgb(170, 227, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 227, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 227, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 227, 203);  
box-shadow:4px 4px 4px 4px rgb(170, 227,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 170, 227, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 227, 203) }
```

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

```
.background{ background-color: rgb(170,  
227, 203) }
```

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