

Converting Colors

RGB(170, 244, 204)

Have a look what the booklet for
RGB(170, 244, 204) contains.

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Color

RGB(170, 244, 204)

Conversions

Conversions Part 1

Format	Color
Hex	AAF4CC
RGB	170, 244, 204
RGB Percent	67%, 96%, 80%
CMY	0.3333, 0.0431, 0.2000
CMYK	0.30, 0.00, 0.16, 0.04
HSL	148°, 77%, 81%
HSV	148°, 30%, 96%
XYZ	59.8273, 77.6070, 68.9532
YIQ	217.3140, -31.2640, -28.1280

Conversions

Conversions Part 2

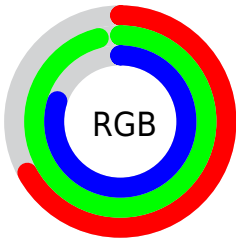
Format	Color
RYB	170, 221, 244
Decimal	11203788
CIELab	90.60, -30.98, 12.04
CIELCh	91, 33.237, 158.754
Yxy	77.6070, 0.2899, 0.3760
Android (android.graphics.Color)	4289393868 (0xFFAAF4CC)
YUV	217.3140, -6.5638, -41.4944
Hunter-Lab	88.0949, -32.9424, 15.2592

Details

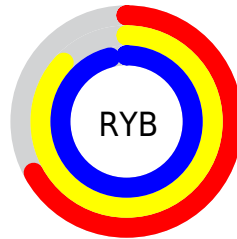
The RGB color **170, 244, 204** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **244, 170, 210**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **227, 255, 255**, and **116, 187, 150** is the 20% darker color. If you saturate the color by 10%, you get **146, 244, 191**, and if you desaturate by 10%, it is **194, 244, 217**.

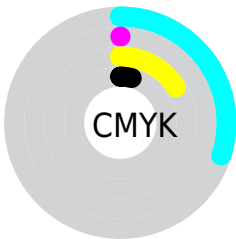
Distribution



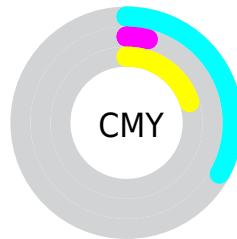
- Red (67%)
- Green (96%)
- Blue (80%)



- Red (67%)
- Yellow (87%)
- Blue (96%)



- Cyan (30%)
- Magenta (0%)
- Yellow (16%)
- Black (4%)



- Cyan (33%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 244, 204 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, 244, 204 by changing the saturation by 10% instead.

 170, 244, 204


255, 255, 255

 227, 255, 255

 170, 244, 204

 142, 215, 177

 116, 187, 150

 89, 160, 124


 63, 134, 99

 35, 108, 75

 0, 83, 52

 0, 60, 31

 0, 38, 8


 0, 4, 0

 170, 244, 204

 170, 244, 204

 146, 244, 191

 194, 244, 217

 121, 244, 178

 219, 244, 230

 97, 244, 164

 243, 244, 244

 72, 244, 151

 255, 244, 255

 48, 244, 138

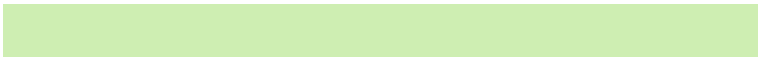
 24, 244, 125

 0, 244, 112

Harmonies

Analogous

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



206, 238, 178



170, 244, 204



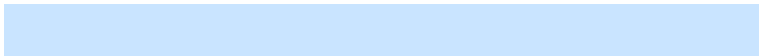
140, 246, 237

Triad

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



170, 244, 204



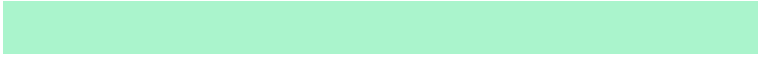
201, 228, 255



255, 209, 190

Complementary

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



170, 244, 204



244, 170, 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, 205, 220



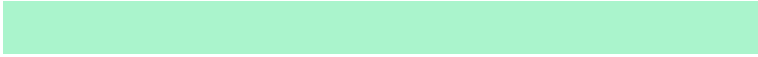
170, 244, 204



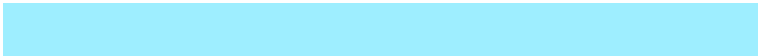
245, 217, 255

Square

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



170, 244, 204



158, 238, 255



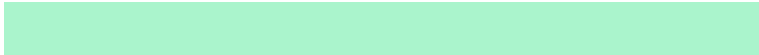
255, 208, 252



255, 218, 170

Rectangle

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



170, 244, 204



132, 245, 255



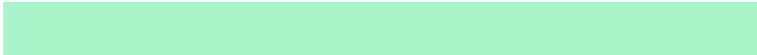
255, 208, 252



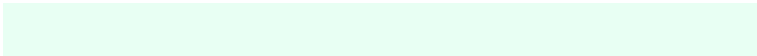
255, 207, 199

Sweetspot

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



170, 244, 204



232, 255, 243



211, 244, 170



113, 128, 120



0, 0, 0



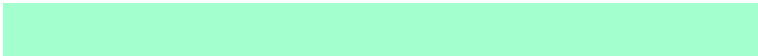
128, 128, 128

Same Dimension

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



170, 244, 204



163, 255, 205



170, 244, 240



110, 122, 116



0, 186, 86



0, 59, 27

Inverse Universe

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



244, 170, 210



255, 163, 213



244, 170, 174



122, 110, 117



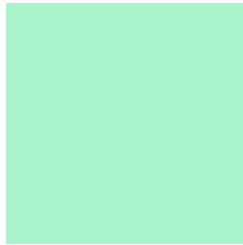
186, 0, 101



59, 0, 32

Previews

White Background



This preview shows how the RGB color 170, 244, 204 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, 244, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

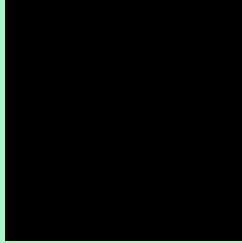
Any Text WCAG AA ✓ Pass

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, 244, 204 Background



This preview shows how black text looks on a background with the RGB color 170, 244, 204.



This preview shows how white text looks on a background with the RGB color 170, 244, 204.

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





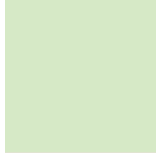
Tritanopia
182, 237, 255

Trichromacy



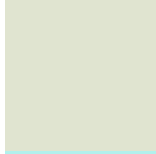
Original Color

170, 244, 204



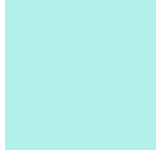
Protanomaly

214, 233, 198



Deuteranomaly

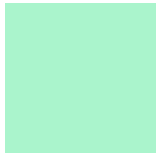
224, 228, 208



Tritanomaly

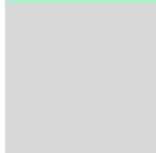
178, 240, 236

Monochromacy



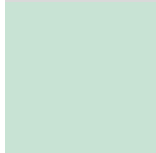
Original Color

170, 244, 204



Achromatopsia

217, 217, 217



Achromatomaly

200, 227, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 244, 204 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, 244, 204)` looks like.

```
.text, #text, p{  
    color:rgb(170, 244, 204)  
}
```

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, 244, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 244, 204) }
```

Border

The CSS property to change the border of an element to RGB 170, 244, 204 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, 244, 204) }
```

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

```
.border{ border-color:rgb(170, 244, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 244, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 244, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 244, 204);  
box-shadow:4px 4px 4px 4px rgb(170, 244,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 170, 244, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 244, 204) }
```

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

```
.background{ background-color: rgb(170,  
244, 204) }
```

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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