

Converting Colors

`RYB(187, 244, 230)`

Have a look what the booklet for
RYB(187, 244, 230) contains.

RYB(187, 244, 230)	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

R_YB(187, 244, 230)

Conversions

Conversions Part 1

Format	Color
Hex	C9F4BB
RGB	201, 244, 187
RGB Percent	79%, 96%, 73%
CMY	0.2118, 0.0431, 0.2667
CMYK	0.18, 0.00, 0.23, 0.04
HSL	105°, 72%, 85%
HSV	105°, 23%, 96%
XYZ	65.4077, 80.7067, 59.1443
YIQ	224.6450, -7.3310, -26.8430

Conversions

Conversions Part 2

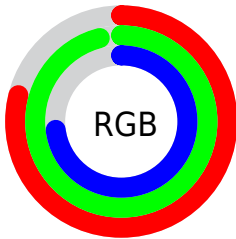
Format	Color
RYB	187, 244, 230
Decimal	13235387
CIELab	92.00, -24.09, 23.02
CIELCh	92, 33.320, 136.293
Yxy	80.7067, 0.3187, 0.3932
Android (android.graphics.Color)	4291425467 (0xFFC9F4BB)
YUV	224.6450, -18.5590, -20.7367
Hunter-Lab	89.8369, -27.2538, 23.8522

Details

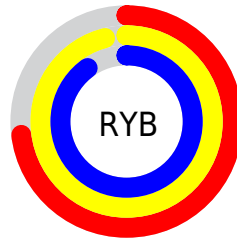
The RYB color **187, 244, 230** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **230, 187, 244**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **243, 255, 243**, and **134, 188, 176** is the 20% darker color. If you saturate the color by 10%, you get **163, 244, 224**, and if you desaturate by 10%, it is **211, 244, 236**.

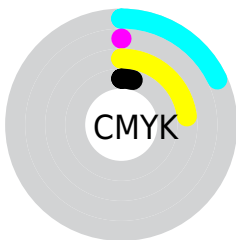
Distribution



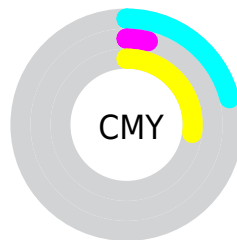
- Red (79%)
- Green (96%)
- Blue (73%)



- Red (73%)
- Yellow (96%)
- Blue (90%)



- Cyan (18%)
- Magenta (0%)
- Yellow (23%)
- Black (4%)



- Cyan (21%)
- Magenta (4%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 187, 244, 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 RYB color 187, 244, 230 by changing the saturation by 10% instead.


 187, 244, 230

255, 255, 255


 243, 255, 243


 187, 244, 230

 160, 215, 202

 134, 188, 176

 108, 161, 149

 83, 134, 122

 60, 109, 99

 37, 84, 75

 16, 61, 55


 0, 39, 38

 0, 13, 13

 187, 244, 230

 187, 244, 230

 163, 244, 224

 211, 244, 236

 138, 244, 218

 236, 244, 242

 114, 244, 212

 255, 244, 255

 89, 244, 206

 65, 244, 200

 41, 244, 194

 16, 244, 188

 0, 244, 184

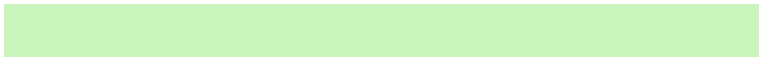
Harmonies

Analogous

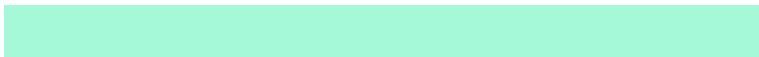
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



171, 237, 170



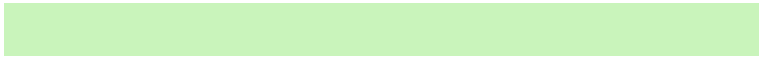
187, 244, 230



165, 217, 249

Triad

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



187, 244, 230



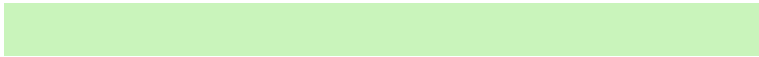
172, 209, 255



255, 209, 216

Complementary

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



187, 244, 230



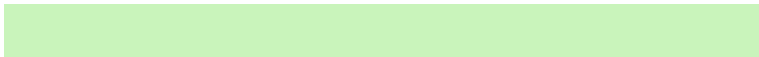
230, 187, 244

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, 210, 248



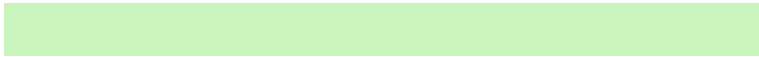
187, 244, 230



217, 226, 255

Square

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



187, 244, 230



140, 195, 255



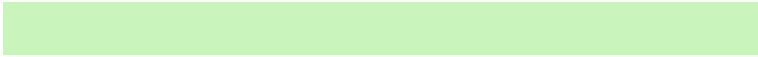
255, 218, 255



255, 235, 187

Rectangle

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



187, 244, 230



146, 201, 250



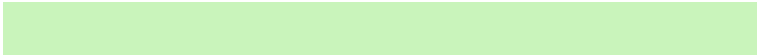
255, 218, 255



255, 209, 226

Sweetspot

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



187, 244, 230



237, 255, 250



206, 244, 187



117, 128, 125



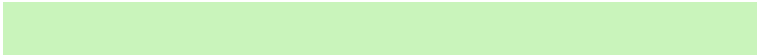
0, 0, 0



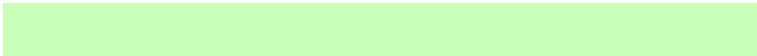
128, 128, 128

Same Dimension

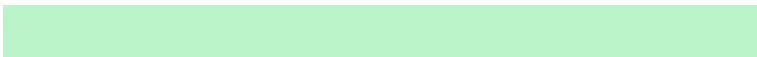
The Same Dimension uses a secret algorithm to generate beautiful new colors.



187, 244, 230



184, 255, 238



187, 233, 244



110, 122, 119



0, 186, 140



0, 59, 45

Inverse Universe

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



230, 187, 244



237, 184, 255



244, 187, 230



119, 110, 122



140, 0, 186



44, 0, 59

Previews

White Background



This preview shows how the RYB color 187, 244, 230 looks on a white background.

Color Contrast Check

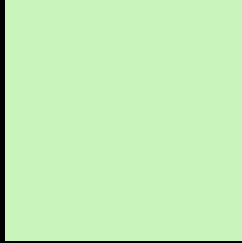
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 187, 244, 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

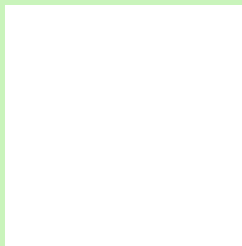
Any Text WCAG AAA ✓ Pass

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

RYB 187, 244, 230 Background



This preview shows how black text looks on a background with the RYB color 187, 244, 230.

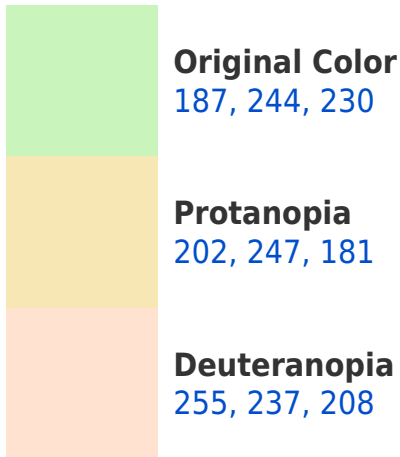


This preview shows how white text looks on a background with the RYB color 187, 244, 230.

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





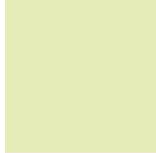
Tritanopia
212, 227, 254

Trichromacy



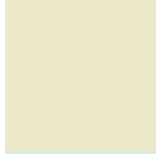
Original Color

187, 244, 230



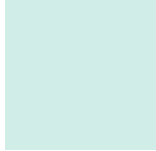
Protanomaly

183, 236, 189



Deuteranomaly

202, 235, 200



Tritanomaly

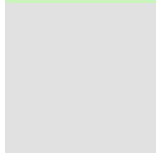
208, 225, 238

Monochromacy



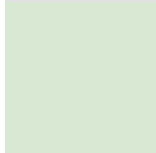
Original Color

187, 244, 230



Achromatopsia

225, 225, 225



Achromatomaly

211, 232, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 244, 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(201, 244, 187)` looks like.

```
.text, #text, p{  
    color:rgb(201, 244, 187)  
}
```

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(201, 244, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 244, 187) }
```

Border

The CSS property to change the border of an element to RYB 187, 244, 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(201, 244, 187) }
```

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

```
.border{ border-color:rgb(201, 244, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 244, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 244, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 244, 187); box-shadow:4px 4px 4px 4px rgb(201, 244, 187) }
```

Background

The CSS property to change the background color of an element to RYB 187, 244, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 244, 187) }
```

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

```
.background{ background-color: rgb(201,  
244, 187) }
```

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