

Converting Colors

`RYB(204, 244, 241)`

Have a look what the booklet for
RYB(204, 244, 241) contains.

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Color

R_YB(204, 244, 241)

Conversions

Conversions Part 1

Format	Color
Hex	CFF4CC
RGB	207, 244, 204
RGB Percent	81%, 96%, 80%
CMY	0.1882, 0.0431, 0.2000
CMYK	0.15, 0.00, 0.16, 0.04
HSL	116°, 65%, 88%
HSV	116°, 16%, 96%
XYZ	68.9819, 82.3264, 69.3816
YIQ	228.3770, -9.2120, -20.2840

Conversions

Conversions Part 2

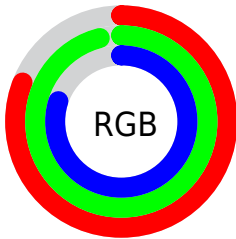
Format	Color
RYB	204, 244, 241
Decimal	13628620
CIELab	92.72, -19.28, 15.34
CIElCh	93, 24.641, 141.492
Yxy	82.3264, 0.3126, 0.3730
Android (android.graphics.Color)	4291818700 (0xFFCFF4CC)
YUV	228.3770, -12.0179, -18.7476
Hunter-Lab	90.7339, -23.0768, 18.1764

Details

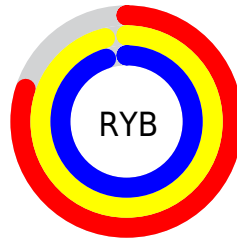
The RYB color **204, 244, 241** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **241, 204, 244**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **150, 188, 186** is the 20% darker color. If you saturate the color by 10%, you get **180, 244, 240**, and if you desaturate by 10%, it is **228, 244, 242**.

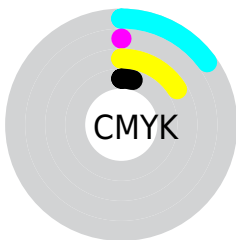
Distribution



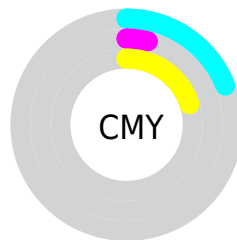
- Red (81%)
- Green (96%)
- Blue (80%)



- Red (80%)
- Yellow (96%)
- Blue (95%)



- Cyan (15%)
- Magenta (0%)
- Yellow (16%)
- Black (4%)



- Cyan (19%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 244, 241 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 204, 244, 241 by changing the saturation by 10% instead.

■ 204, 244, 241

255, 255, 255

■ 204, 244, 241

■ 177, 216, 214

■ 150, 188, 186

■ 124, 161, 159

■ 99, 134, 132

■ 75, 109, 108

■ 52, 84, 83


■ 30, 61, 61

■ 7, 39, 38

■ 0, 17, 17

 204, 244, 241


 204, 244, 241

 180, 244, 240

 228, 244, 242

 155, 244, 237

 252, 244, 253

 131, 244, 236

 255, 244, 255

 106, 244, 233

 82, 244, 232

 58, 244, 230

 33, 244, 228

 9, 244, 227

 0, 244, 226

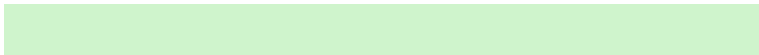
Harmonies

Analogous

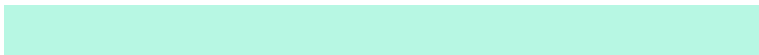
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



190, 238, 194



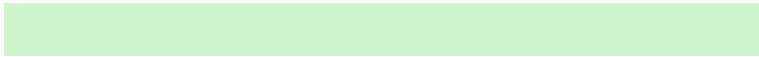
204, 244, 241



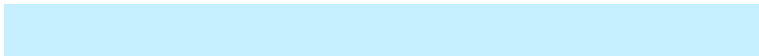
183, 221, 247

Triad

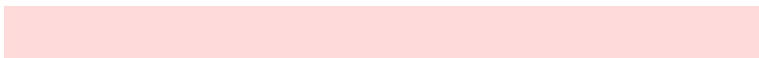
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204, 244, 241



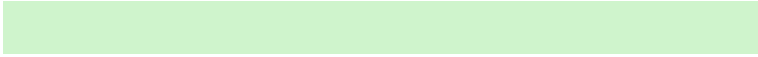
198, 222, 255



255, 218, 218

Complementary

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



204, 244, 241



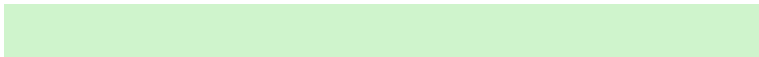
241, 204, 244

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, 218, 242



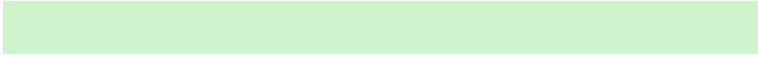
204, 244, 241



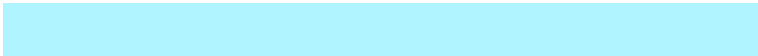
230, 230, 255

Square

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



204, 244, 241



175, 212, 255



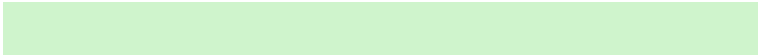
255, 223, 255



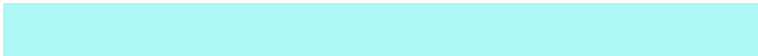
255, 243, 198

Rectangle

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



204, 244, 241



172, 211, 248



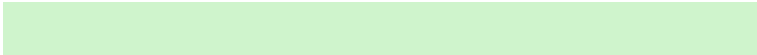
255, 223, 255



255, 217, 226

Sweetspot

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



204, 244, 241



242, 255, 254



207, 244, 204



120, 128, 128



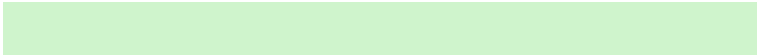
0, 0, 0



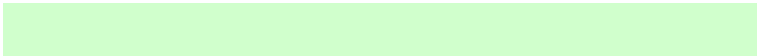
128, 128, 128

Same Dimension

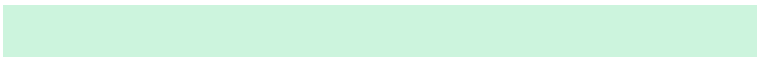
The Same Dimension uses a secret algorithm to generate beautiful new colors.



204, 244, 241



204, 255, 251



204, 232, 244



110, 122, 121



0, 186, 172



0, 59, 55

Inverse Universe

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



241, 204, 244



251, 204, 255



244, 204, 227



121, 110, 122



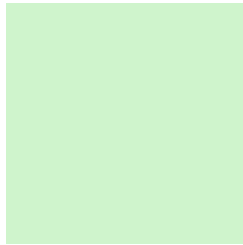
172, 0, 186



54, 0, 59

Previews

White Background



This preview shows how the RYB color 204, 244, 241 looks on a white background.

Color Contrast Check

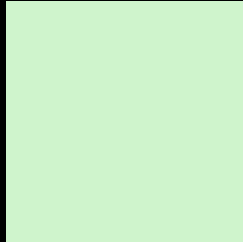
Large Text (above 18pt) WCAG AA × Fail

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 204, 244, 241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

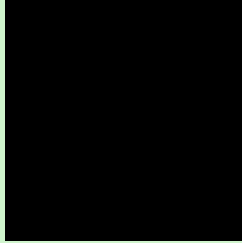
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

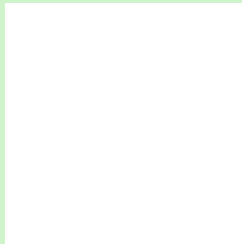
Any Text WCAG AAA ✓ Pass

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

R Y B 204, 244, 241 Background



This preview shows how black text looks on a background with the RYB color 204, 244, 241.

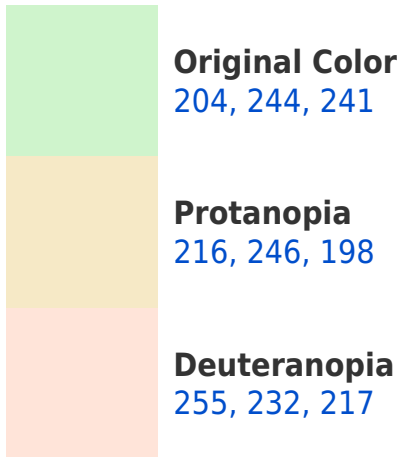


This preview shows how white text looks on a background with the RYB color 204, 244, 241.

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

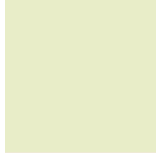
216, 230, 255

Trichromacy



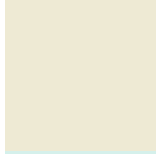
Original Color

204, 244, 241



Protanomaly

200, 237, 205



Deuteranomaly

217, 238, 212



Tritanomaly

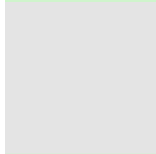
213, 228, 240

Monochromacy



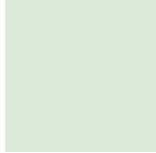
Original Color

204, 244, 241



Achromatopsia

228, 228, 228



Achromatomaly

219, 234, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 244, 241 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(207, 244, 204)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 244, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 244, 204) }
```

Border

The CSS property to change the border of an element to RYB 204, 244, 241 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(207, 244, 204) }
```

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

```
.border{ border-color:rgb(207, 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(207, 244, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 244, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 244, 204);  
box-shadow:4px 4px 4px 4px rgb(207, 244,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 204, 244, 241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 244, 204) }
```

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

```
.background{ background-color: rgb(207,  
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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