

Converting Colors

`RYB(204, 245, 236)`

Have a look what the booklet for
RYB(204, 245, 236) contains.

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Color

R_YB(204, 245, 236)

Conversions

Conversions Part 1

Format	Color
Hex	D5F5CC
RGB	213, 245, 204
RGB Percent	84%, 96%, 80%
CMY	0.1647, 0.0392, 0.2000
CMYK	0.13, 0.00, 0.17, 0.04
HSL	107°, 67%, 88%
HSV	107°, 17%, 96%
XYZ	70.9921, 83.8106, 69.5621
YIQ	230.7580, -5.9110, -19.5350

Conversions

Conversions Part 2

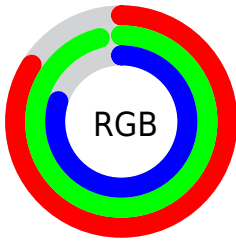
Format	Color
RYB	204, 245, 236
Decimal	14022092
CIELab	93.37, -17.76, 16.31
CIElCh	93, 24.113, 137.429
Yxy	83.8106, 0.3164, 0.3735
Android (android.graphics.Color)	4292212172 (0xFFD5F5CC)
YUV	230.7580, -13.1917, -15.5738
Hunter-Lab	91.5481, -21.7893, 19.0326

Details

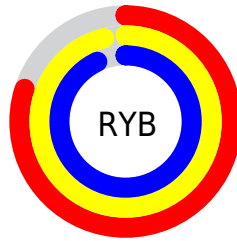
The RYB color **204, 245, 236** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **236, 204, 245**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **150, 189, 181** is the 20% darker color. If you saturate the color by 10%, you get **180, 245, 231**, and if you desaturate by 10%, it is **229, 245, 242**.

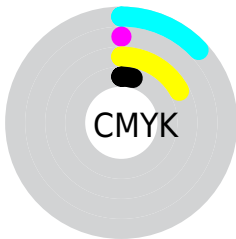
Distribution



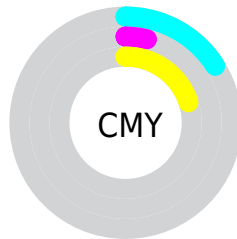
- Red (84%)
- Green (96%)
- Blue (80%)



- Red (80%)
- Yellow (96%)
- Blue (93%)



- Cyan (13%)
- Magenta (0%)
- Yellow (17%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 245, 236 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, 245, 236 by changing the saturation by 10% instead.

■ 204, 245, 236

255, 255, 255

■ 204, 245, 236

■ 177, 217, 209

■ 150, 189, 181

■ 124, 162, 154

■ 99, 135, 128

■ 75, 110, 103

■ 52, 85, 79

■ 30, 62, 57

■ 7, 40, 33

■ 0, 20, 20


 204, 245, 236

 204, 245, 236

 180, 245, 231

 229, 245, 242

 155, 245, 225

 251, 245, 253

 131, 245, 220

 255, 245, 255

 106, 245, 214

 82, 245, 210

 57, 245, 204

 32, 245, 198

 8, 245, 193

 0, 245, 191

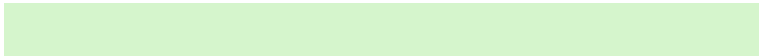
Harmonies

Analogous

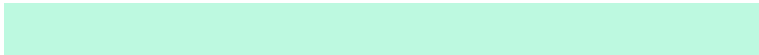
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



193, 240, 192



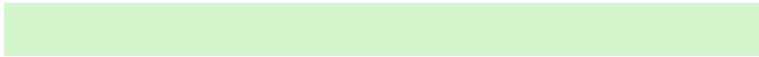
204, 245, 236



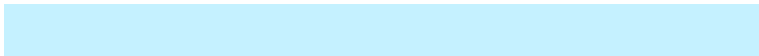
189, 227, 249

Triad

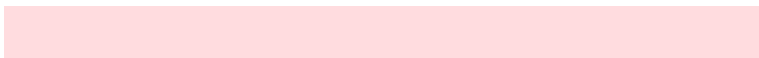
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204, 245, 236



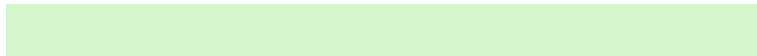
197, 222, 255



255, 220, 223

Complementary

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



204, 245, 236



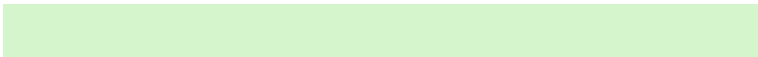
236, 204, 245

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, 221, 247



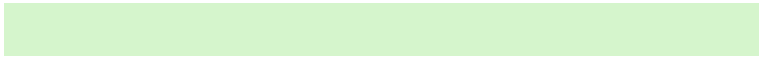
204, 245, 236



227, 232, 255

Square

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



204, 245, 236



177, 214, 255



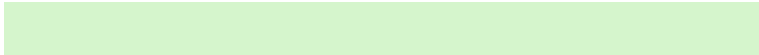
255, 226, 255



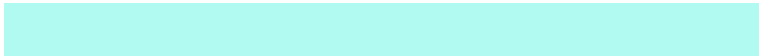
255, 238, 203

Rectangle

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



204, 245, 236



177, 216, 250



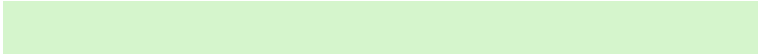
255, 226, 255



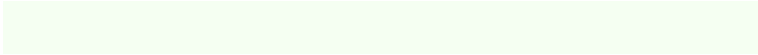
255, 220, 231

Sweetspot

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



204, 245, 236



242, 255, 252



217, 245, 204



120, 128, 126



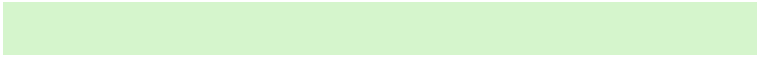
0, 0, 0



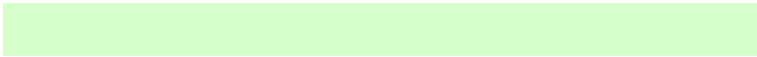
128, 128, 128

Same Dimension

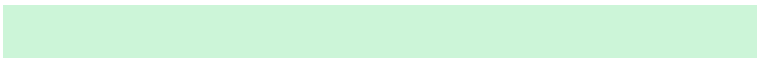
The Same Dimension uses a secret algorithm to generate beautiful new colors.



204, 245, 236



204, 255, 244



204, 236, 245



110, 122, 119



0, 186, 145



0, 59, 46

Inverse Universe

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



236, 204, 245



244, 204, 255



245, 204, 234



120, 110, 122



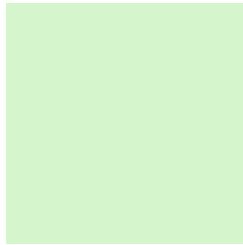
145, 0, 186



46, 0, 59

Previews

White Background



This preview shows how the RYB color 204, 245, 236 looks on a white background.

Color Contrast Check

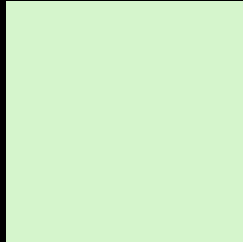
Large Text (above 18pt) WCAG AA × Fail

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, 245, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

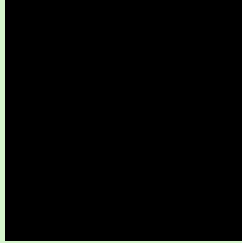
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

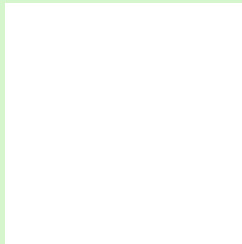
Any Text WCAG AAA ✓ Pass

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

R/Y/B 204, 245, 236 Background



This preview shows how black text looks on a background with the R/Y/B color 204, 245, 236.



This preview shows how white text looks on a background with the R/Y/B color 204, 245, 236.

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

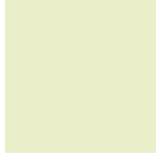
223, 233, 255

Trichromacy



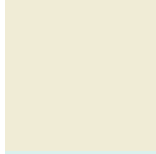
Original Color

204, 245, 236



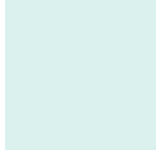
Protanomaly

201, 239, 205



Deuteranomaly

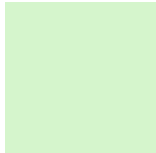
219, 240, 214



Tritanomaly

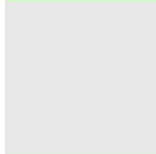
219, 231, 241

Monochromacy



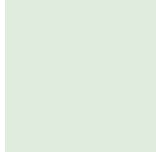
Original Color

204, 245, 236



Achromatopsia

231, 231, 231



Achromatomaly

221, 236, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 245, 236 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(213, 245, 204) looks like.

```
.text, #text, p{  
    color:rgb(213, 245, 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(213, 245, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 245, 204) }
```

Border

The CSS property to change the border of an element to RYB 204, 245, 236 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(213, 245, 204) }
```

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

```
.border{ border-color:rgb(213, 245, 204) }
```

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

Here you see how a box with a 4 pixel rgb(213, 245, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 245, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 245, 204);  
box-shadow:4px 4px 4px 4px rgb(213, 245,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 204, 245, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 245, 204) }
```

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

```
.background{ background-color: rgb(213,  
245, 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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