

Converting Colors

`RYB(201, 245, 220)`

Have a look what the booklet for
RYB(201, 245, 220) contains.

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Color

R_YB(201, 245, 220)

Conversions

Conversions Part 1

Format	Color
Hex	E2F5C9
RGB	226, 245, 201
RGB Percent	89%, 96%, 79%
CMY	0.1137, 0.0392, 0.2118
CMYK	0.08, 0.00, 0.18, 0.04
HSL	86°, 69%, 87%
HSV	86°, 18%, 96%
XYZ	74.5591, 85.6906, 67.8686
YIQ	234.3030, 2.8000, -17.7120

Conversions

Conversions Part 2

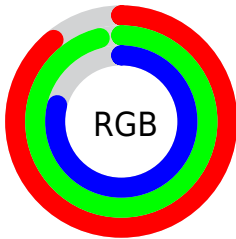
Format	Color
R_{YB}	201, 245, 220
Decimal	14874057
CIE _{Lab}	94.18, -13.78, 19.12
CIE _{LCh}	94, 23.571, 125.784
Yxy	85.6906, 0.3268, 0.3756
Android (android.graphics.Color)	4293064137 (0xFFE2F5C9)
YUV	234.3030, -16.4184, -7.2817
Hunter-Lab	92.5692, -18.2249, 21.3290

Details

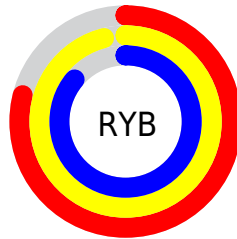
The RYB color **201, 245, 220** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **220, 201, 245**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **255, 255, 255**, and **147, 189, 166** is the 20% darker color. If you saturate the color by 10%, you get **177, 245, 207**, and if you desaturate by 10%, it is **226, 245, 234**.

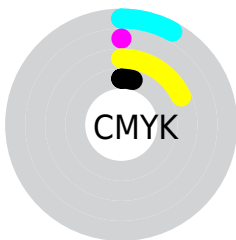
Distribution



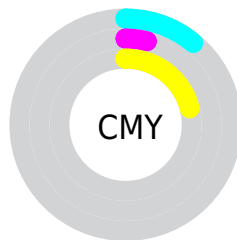
- Red (89%)
- Green (96%)
- Blue (79%)



- Red (79%)
- Yellow (96%)
- Blue (86%)



- Cyan (8%)
- Magenta (0%)
- Yellow (18%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 245, 220 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 201, 245, 220 by changing the saturation by 10% instead.

■ 201, 245, 220

255, 255, 255

■ 201, 245, 220

■ 174, 217, 193

■ 147, 189, 166

■ 121, 162, 139

■ 96, 135, 113

■ 72, 110, 89

■ 49, 86, 66

■ 28, 62, 44

■ 3, 40, 18

■ 0, 21, 21

 201, 245, 220

 201, 245, 220

 177, 245, 207

 226, 245, 234

 152, 245, 192

 247, 245, 250

 127, 245, 178

 255, 245, 255

 103, 245, 164

 78, 245, 150

 54, 245, 136

 29, 245, 122

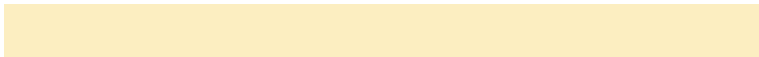
 5, 245, 109

 0, 245, 106

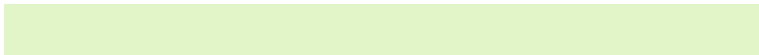
Harmonies

Analogous

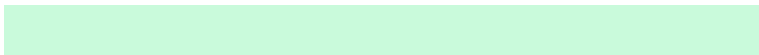
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



211, 252, 193



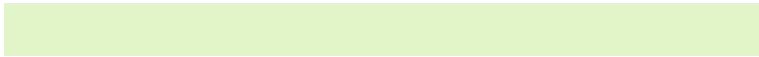
201, 245, 220



201, 237, 250

Triad

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



201, 245, 220



191, 221, 255



255, 222, 235

Complementary

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



201, 245, 220



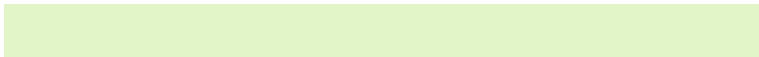
220, 201, 245

Split Complementary

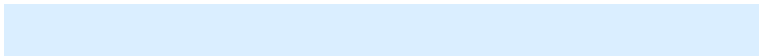
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 225, 255



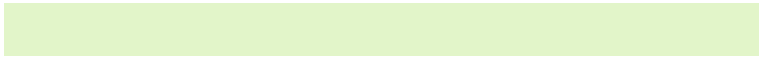
201, 245, 220



218, 231, 255

Square

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



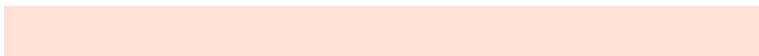
201, 245, 220



177, 215, 255



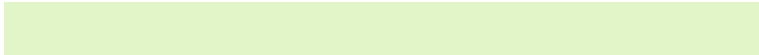
248, 231, 255



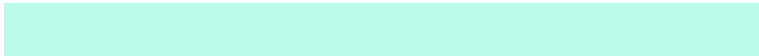
255, 230, 213

Rectangle

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



201, 245, 220



187, 224, 251



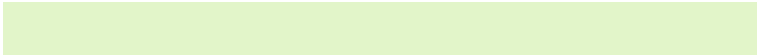
248, 231, 255



255, 223, 242

Sweetspot

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



201, 245, 220



242, 255, 248



245, 231, 201



120, 128, 124



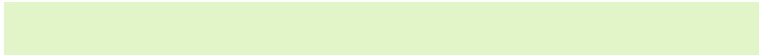
0, 0, 0



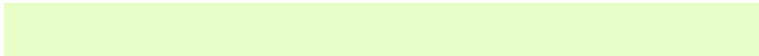
128, 128, 128

Same Dimension

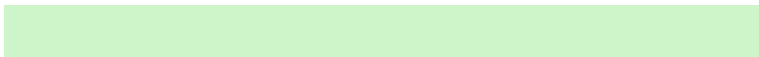
The Same Dimension uses a secret algorithm to generate beautiful new colors.



201, 245, 220



199, 255, 223



201, 245, 241



110, 122, 115



0, 186, 80



0, 59, 26

Inverse Universe

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



220, 201, 245



223, 199, 255



241, 201, 245



115, 110, 122



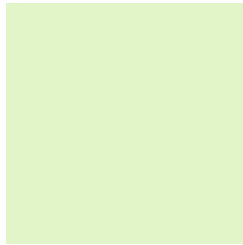
80, 0, 186



25, 0, 59

Previews

White Background



This preview shows how the RYB color 201, 245, 220 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 201, 245, 220 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

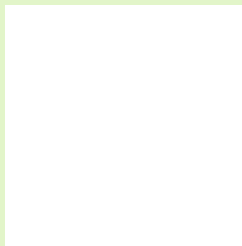
Any Text WCAG AAA ✓ Pass

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

RYB 201, 245, 220 Background



This preview shows how black text looks on a background with the RYB color 201, 245, 220.



This preview shows how white text looks on a background with the RYB color 201, 245, 220.

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](#).

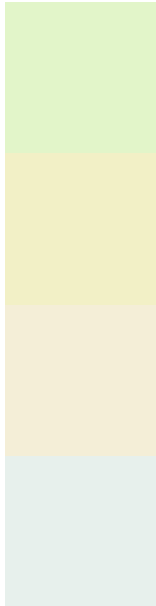
Dichromacy





Tritanopia
234, 237, 255

Trichromacy



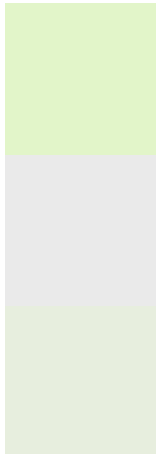
Original Color
201, 245, 220

Protanomaly
200, 242, 198

Deuteranomaly
223, 244, 215

Tritanomaly
231, 237, 240

Monochromacy



Original Color
201, 245, 220

Achromatopsia
234, 234, 234

Achromatomaly
222, 238, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 245, 220 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(226, 245, 201)` looks like.

```
.text, #text, p{  
    color:rgb(226, 245, 201)  
}
```

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(226, 245, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 245, 201) }
```

Border

The CSS property to change the border of an element to RYB 201, 245, 220 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(226, 245, 201) }
```

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

```
.border{ border-color:rgb(226, 245, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 245, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 245, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 245, 201);  
box-shadow:4px 4px 4px 4px rgb(226, 245,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 201, 245, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 245, 220) }
```

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

```
.background{ background-color: rgb(201,  
245, 220) }
```

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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