

Converting Colors

`RYB(221, 253, 245)`

Have a look what the booklet for RYB(221, 253, 245) contains.

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Color

R_YB(221, 253, 245)

Conversions

Conversions Part 1

Format	Color
Hex	E5FDDD
RGB	229, 253, 221
RGB Percent	90%, 99%, 87%
CMY	0.1020, 0.0078, 0.1333
CMYK	0.09, 0.00, 0.13, 0.01
HSL	105°, 89%, 93%
HSV	105°, 13%, 99%
XYZ	80.4895, 92.1290, 81.9470
YIQ	242.1760, -4.0320, -15.0400

Conversions

Conversions Part 2

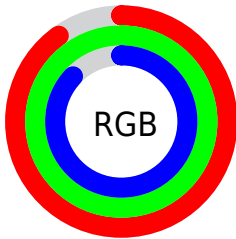
Format	Color
R_{YB}	221, 253, 245
Decimal	15072733
CIE _{Lab}	96.87, -13.48, 12.69
CIE _{LCh}	97, 18.507, 136.729
Y _{xy}	92.1290, 0.3162, 0.3619
Android (android.graphics.Color)	4293262813 (0xFFE5FDDD)
YUV	242.1760, -10.4398, -11.5554
Hunter-Lab	95.9839, -18.2864, 16.5694

Details

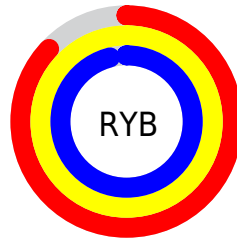
The RYB color **221, 253, 245** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **245, 221, 253**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **255, 255, 255**, and **166, 196, 189** is the 20% darker color. If you saturate the color by 10%, you get **196, 253, 239**, and if you desaturate by 10%, it is **246, 253, 251**.

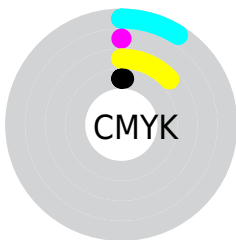
Distribution



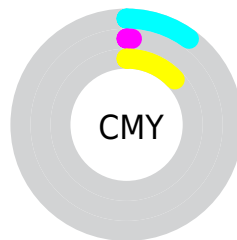
- Red (90%)
- Green (99%)
- Blue (87%)



- Red (87%)
- Yellow (99%)
- Blue (96%)



- Cyan (9%)
- Magenta (0%)
- Yellow (13%)
- Black (1%)



- Cyan (10%)
- Magenta (1%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the RYB color 221, 253, 245 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 221, 253, 245 by changing the saturation by 10% instead.


 221, 253, 245

255, 255, 255


 221, 253, 245

 193, 224, 216

 166, 196, 189

 140, 169, 162

 114, 143, 136

 89, 117, 110

 66, 92, 86

 44, 69, 64

 23, 46, 42

 0, 26, 22

221, 253, 245

221, 253, 245

196, 253, 239

246, 253, 251

170, 253, 232

255, 253, 255

145, 253, 226

120, 253, 220

95, 253, 214

69, 253, 207

44, 253, 201

19, 253, 195

0, 253, 190

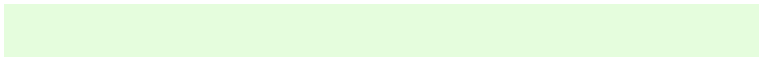
Harmonies

Analogous

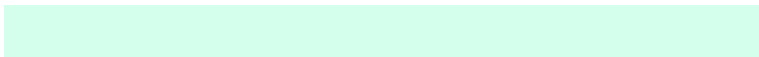
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214, 250, 212



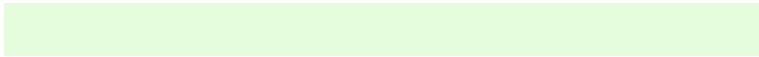
221, 253, 245



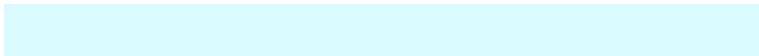
211, 239, 255

Triad

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



221, 253, 245



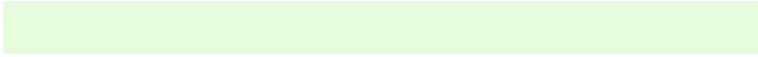
217, 235, 255



255, 234, 236

Complementary

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



221, 253, 245



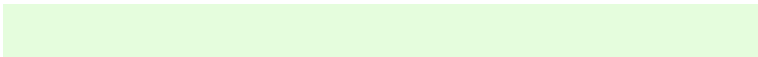
245, 221, 253

Split Complementary

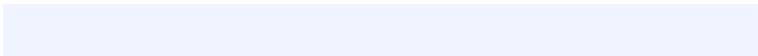
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 234, 255



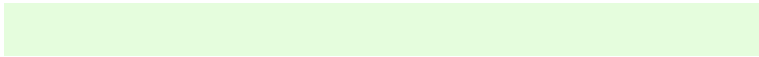
221, 253, 245



239, 243, 255

Square

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



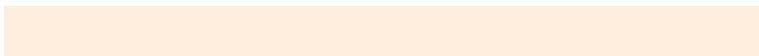
221, 253, 245



202, 228, 255



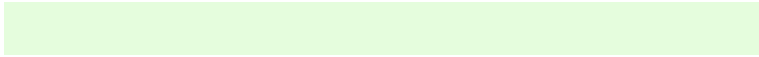
255, 238, 255



255, 251, 221

Rectangle

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



221, 253, 245



203, 230, 255



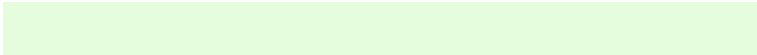
255, 238, 255



255, 234, 242

Sweetspot

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



221, 253, 245



245, 255, 253



232, 253, 221



121, 128, 126



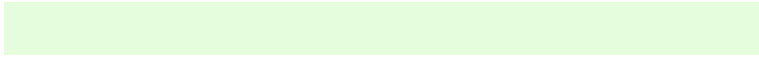
0, 0, 0



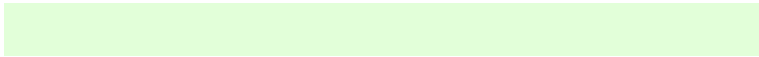
128, 128, 128

Same Dimension

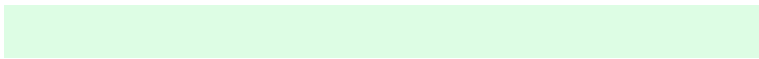
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221, 253, 245



217, 255, 246



221, 247, 253



115, 128, 125



0, 191, 143



0, 64, 48

Inverse Universe

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



245, 221, 253



245, 217, 255



253, 221, 245



124, 115, 128



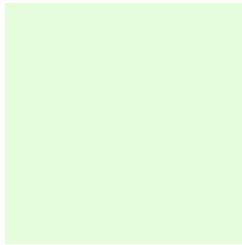
143, 0, 191



48, 0, 64

Previews

White Background



This preview shows how the RYB color 221, 253, 245 looks on a white background.

Color Contrast Check

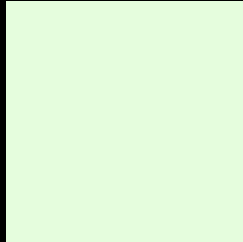
Large Text (above 18pt) WCAG AA × Fail

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 221, 253, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

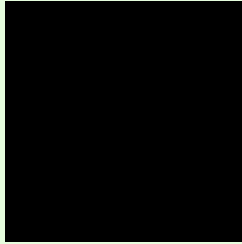
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

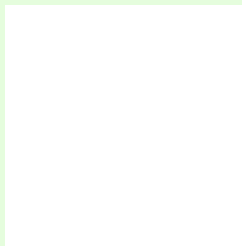
Any Text WCAG AAA ✓ Pass

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

RYB 221, 253, 245 Background



This preview shows how black text looks on a background with the RYB color 221, 253, 245.

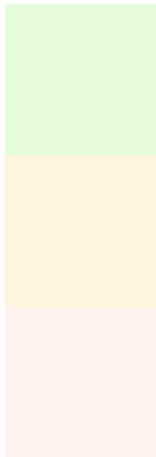


This preview shows how white text looks on a background with the RYB color 221, 253, 245.

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



Original Color
221, 253, 245

Protanopia
236, 255, 222

Deuteranopia
255, 244, 240



Tritanopia

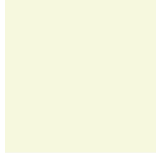
242, 245, 255

Trichromacy



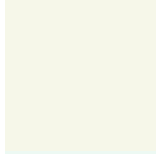
Original Color

221, 253, 245



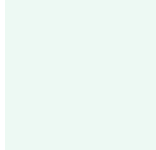
Protanomaly

222, 248, 224



Deuteranomaly

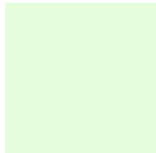
233, 247, 234



Tritanomaly

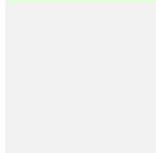
237, 245, 249

Monochromacy



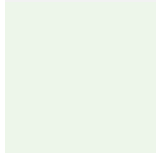
Original Color

221, 253, 245



Achromatopsia

242, 242, 242



Achromatomaly

234, 246, 243

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 253, 245 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(229, 253, 221)` looks like.

```
.text, #text, p{  
    color:rgb(229, 253, 221)  
}
```

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(229, 253, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 253, 221) }
```

Border

The CSS property to change the border of an element to RYB 221, 253, 245 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(229, 253, 221) }
```

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

```
.border{ border-color:rgb(229, 253, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 253, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 253, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 253, 221);  
box-shadow:4px 4px 4px 4px rgb(229, 253,  
221) }
```

Background

The CSS property to change the background color of an element to RYB 221, 253, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 253, 221) }
```

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

```
.background{ background-color: rgb(229,  
253, 221) }
```

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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