

Converting Colors

`RYB(221, 250, 245)`

Have a look what the booklet for RYB(221, 250, 245) contains.

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Color

R_YB(221, 250, 245)

Conversions

Conversions Part 1

Format	Color
Hex	E2FADD
RGB	226, 250, 221
RGB Percent	89%, 98%, 87%
CMY	0.1137, 0.0196, 0.1333
CMYK	0.10, 0.00, 0.12, 0.02
HSL	110°, 74%, 92%
HSV	110°, 12%, 98%
XYZ	78.6008, 89.7604, 81.5894
YIQ	239.5180, -4.9950, -14.1070

Conversions

Conversions Part 2

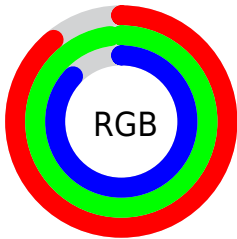
Format	Color
R_{YB}	221, 250, 245
Decimal	14875357
CIE _{Lab}	95.90, -13.00, 11.27
CIE _{LCh}	96, 17.203, 139.079
Y _{xy}	89.7604, 0.3145, 0.3591
Android (android.graphics.Color)	4293065437 (0xFFE2FADD)
YUV	239.5180, -9.1294, -11.8553
Hunter-Lab	94.7420, -17.7095, 15.2603

Details

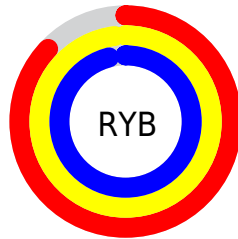
The RYB color **221, 250, 245** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **245, 221, 250**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is **255, 255, 255**, and **166, 194, 189** is the 20% darker color. If you saturate the color by 10%, you get **196, 250, 241**, and if you desaturate by 10%, it is **246, 250, 249**.

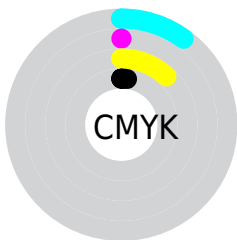
Distribution



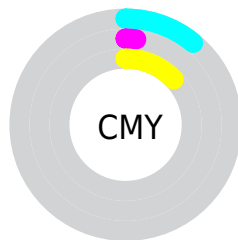
- Red (89%)
- Green (98%)
- Blue (87%)



- Red (87%)
- Yellow (98%)
- Blue (96%)



- Cyan (10%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)



- Cyan (11%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 221, 250, 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, 250, 245 by changing the saturation by 10% instead.


 221, 250, 245

255, 255, 255


 221, 250, 245

 193, 221, 216

 166, 194, 189

 140, 166, 162

 114, 140, 136

 89, 114, 110

 66, 90, 87

 44, 66, 63

 23, 44, 42

 0, 24, 24

 221, 250, 245

 221, 250, 245

 196, 250, 241

 246, 250, 249

 171, 250, 236

 255, 250, 255

 146, 250, 232

 121, 250, 228

 96, 250, 223

 71, 250, 219

 46, 250, 215

 21, 250, 211

 0, 250, 207

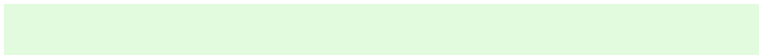
Harmonies

Analogous

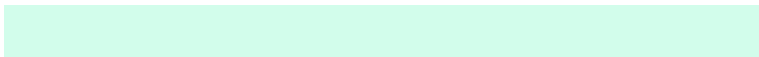
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212, 245, 212



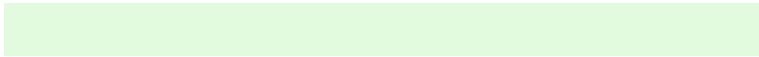
221, 250, 245



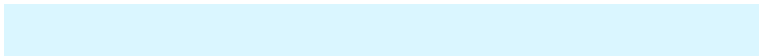
210, 237, 253

Triad

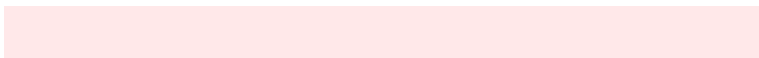
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



221, 250, 245



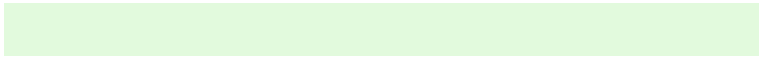
218, 234, 255



255, 232, 233

Complementary

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



221, 250, 245



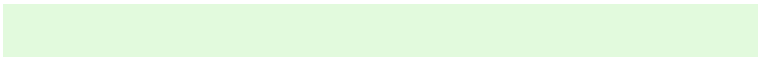
245, 221, 250

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, 232, 250



221, 250, 245



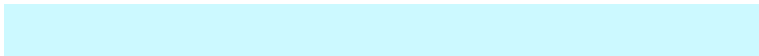
239, 241, 255

Square

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



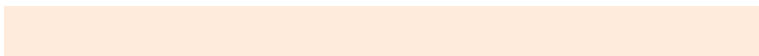
221, 250, 245



204, 228, 255



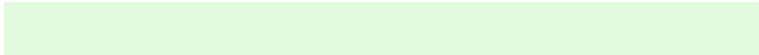
255, 236, 255



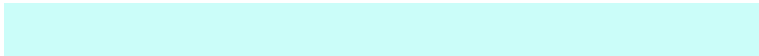
255, 248, 219

Rectangle

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



221, 250, 245



203, 229, 253



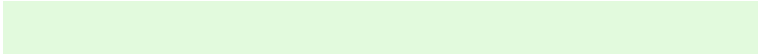
255, 236, 255



255, 232, 239

Sweetspot

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



221, 250, 245



247, 255, 253



227, 250, 221



122, 128, 127



0, 0, 0



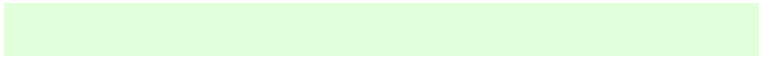
128, 128, 128

Same Dimension

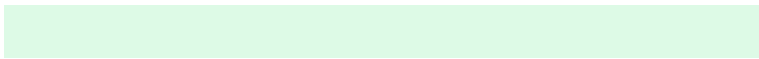
The Same Dimension uses a secret algorithm to generate beautiful new colors.



221, 250, 245



219, 255, 249



221, 243, 250



112, 125, 122



0, 189, 156



0, 61, 50

Inverse Universe

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



245, 221, 250



249, 219, 255



250, 221, 241



123, 112, 125



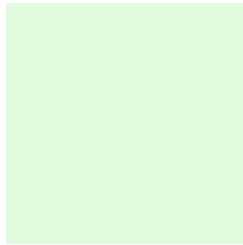
156, 0, 189



51, 0, 61

Previews

White Background



This preview shows how the RYB color 221, 250, 245 looks on a white background.

Color Contrast Check

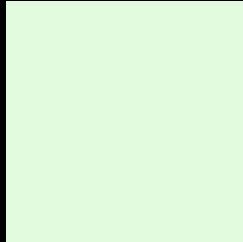
Large Text (above 18pt) WCAG AA × Fail

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, 250, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

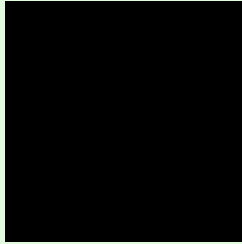
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

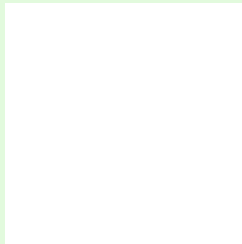
Any Text WCAG AAA ✓ Pass

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

RYB 221, 250, 245 Background



This preview shows how black text looks on a background with the RYB color 221, 250, 245.


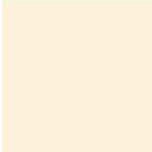


This preview shows how white text looks on a background with the RYB color 221, 250, 245.

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, 250, 245
	Protanopia 233, 253, 217
	Deuteranopia 255, 241, 236



Tritanopia

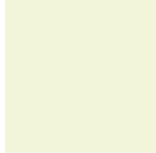
237, 242, 255

Trichromacy



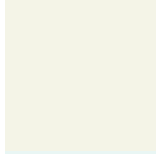
Original Color

221, 250, 245



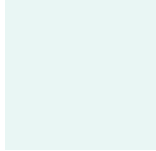
Protanomaly

218, 245, 220



Deuteranomaly

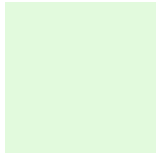
231, 244, 231



Tritanomaly

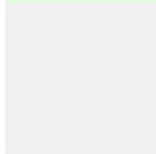
233, 240, 246

Monochromacy



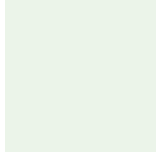
Original Color

221, 250, 245



Achromatopsia

240, 240, 240



Achromatomaly

233, 244, 242

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 250, 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(226, 250, 221)` looks like.

```
.text, #text, p{  
    color:rgb(226, 250, 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(226, 250, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 250, 221) }
```

Border

The CSS property to change the border of an element to RYB 221, 250, 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(226, 250, 221) }
```

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

```
.border{ border-color:rgb(226, 250, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 250, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 250, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 250, 221); box-shadow:4px 4px 4px 4px rgb(226, 250, 221) }
```

Background

The CSS property to change the background color of an element to RGB 226, 250, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 250, 221) }
```

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

```
.background{ background-color: rgb(226,  
250, 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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