

Converting Colors

`RYB(201, 227, 245)`

Have a look what the booklet for
RYB(201, 227, 245) contains.

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Color

R_YB(201, 227, 245)

Conversions

Conversions Part 1

Format	Color
Hex	C9F5E7
RGB	201, 245, 231
RGB Percent	79%, 96%, 91%
CMY	0.2118, 0.0392, 0.0923
CMYK	0.18, 0.00, 0.06, 0.04
HSL	162°, 69%, 87%
HSV	162°, 18%, 96%
XYZ	71.2289, 83.5180, 88.3099
YIQ	230.2480, -21.7300, -13.6820

Conversions

Conversions Part 2

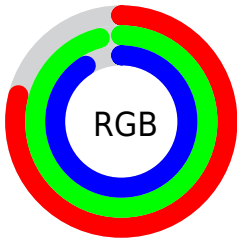
Format	Color
R_{YB}	201, 227, 245
Decimal	13235687
CIE _{Lab}	93.24, -16.70, 1.83
CIE _{LCh}	93, 16.805, 173.744
Yxy	83.5180, 0.2931, 0.3436
Android (android.graphics.Color)	4291425767 (0xFFC9F5E7)
YUV	230.2480, 0.3707, -25.6505
Hunter-Lab	91.3882, -20.8045, 6.6788

Details

The RYB color **201, 227, 245** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **245, 201, 215**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **146, 172, 189** is the 20% darker color. If you saturate the color by 10%, you get **177, 217, 245**, and if you desaturate by 10%, it is **226, 237, 245**.

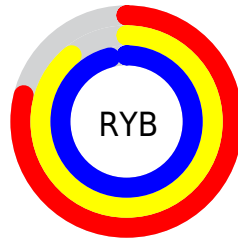
Distribution



Red (79%)

Green (96%)

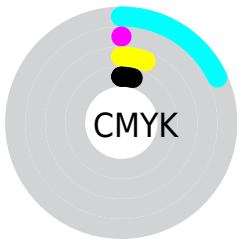
Blue (91%)



Red (79%)

Yellow (89%)

Blue (96%)

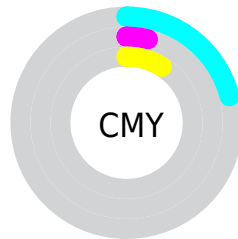


Cyan (18%)

Magenta (0%)

Yellow (6%)

Black (4%)



Cyan (21%)

Magenta (4%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 227, 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 201, 227, 245 by changing the saturation by 10% instead.

■ 201, 227, 245

255, 255, 255

■ 201, 227, 245

■ 173, 199, 217

■ 146, 171, 189

■ 120, 145, 162

■ 95, 119, 135

■ 70, 93, 110

■ 46, 68, 85

■ 23, 45, 62

■ 0, 23, 40

■ 0, 15, 20

 201, 227, 245


 201, 227, 245

 177, 217, 245


 226, 237, 245

 152, 207, 245


 250, 245, 247


 127, 197, 245


 255, 245, 254

 103, 187, 245

 255, 245, 255

 78, 177, 245

 54, 167, 245

 29, 156, 245

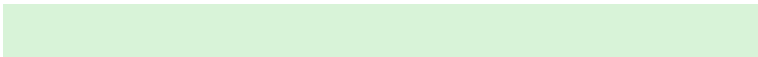
 5, 147, 245

 0, 145, 245

Harmonies

Analogous

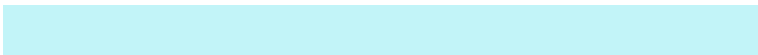
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216, 243, 243



201, 227, 245



194, 220, 248

Triad

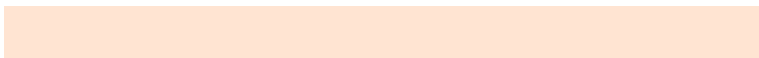
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



201, 227, 245



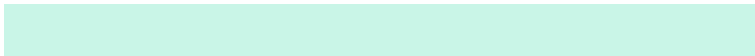
235, 233, 255



255, 240, 210

Complementary

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



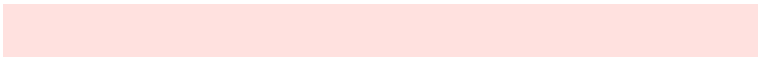
201, 227, 245



245, 201, 215

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, 223



201, 227, 245



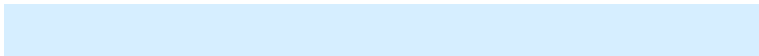
254, 228, 255

Square

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



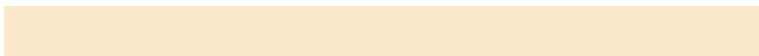
201, 227, 245



214, 229, 255



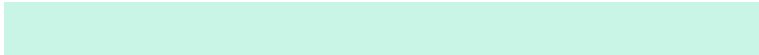
255, 225, 240



235, 252, 204

Rectangle

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



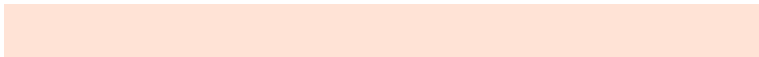
201, 227, 245



196, 222, 255



255, 225, 240



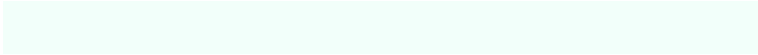
255, 233, 214

Sweetspot

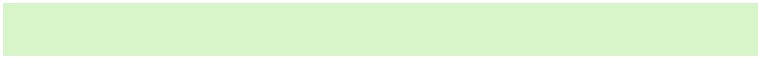
The Sweet Spot groups the original color and five complimentary colors.



201, 227, 245



242, 250, 255



201, 245, 231



120, 125, 128



0, 0, 0



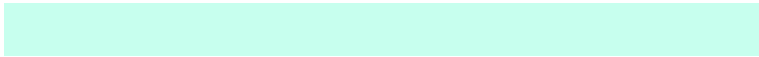
128, 128, 128

Same Dimension

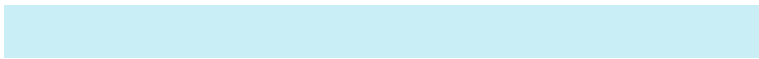
The Same Dimension uses a secret algorithm to generate beautiful new colors.



201, 227, 245



199, 232, 255



201, 221, 245



110, 117, 122



0, 110, 186



0, 35, 59

Inverse Universe

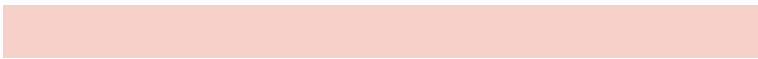
The Inverse Universe completely reimagines the original color for something new.



245, 201, 215



255, 199, 216



245, 211, 201



122, 110, 114



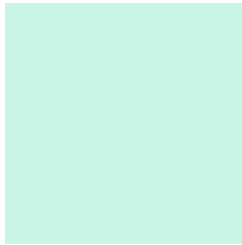
186, 0, 57



59, 0, 18

Previews

White Background



This preview shows how the RYB color 201, 227, 245 looks on a white background.

Color Contrast Check

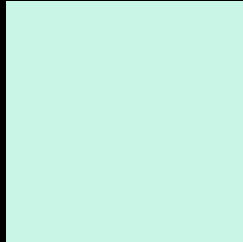
Large Text (above 18pt) WCAG AA × Fail

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 201, 227, 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

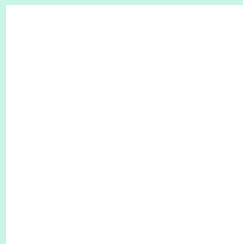
Any Text WCAG AAA ✓ Pass

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

RYB 201, 227, 245 Background



This preview shows how black text looks on a background with the RYB color 201, 227, 245.

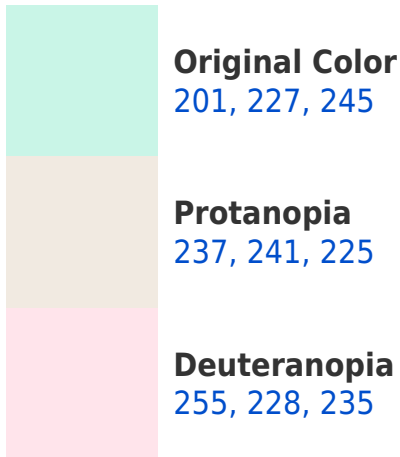


This preview shows how white text looks on a background with the RYB color 201, 227, 245.

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





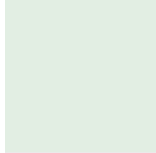
Tritanopia
213, 229, 255

Trichromacy



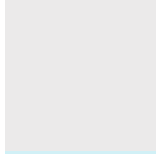
Original Color

201, 227, 245



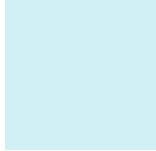
Protanomaly

226, 237, 238



Deuteranomaly

235, 234, 234



Tritanomaly

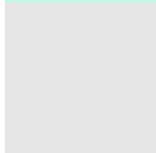
209, 226, 246

Monochromacy



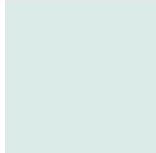
Original Color

201, 227, 245



Achromatopsia

230, 230, 230



Achromatomaly

219, 228, 235

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 227, 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(201, 245, 231)` looks like.

```
.text, #text, p{  
    color:rgb(201, 245, 231)  
}
```

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(201, 245, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 245, 231) }
```

Border

The CSS property to change the border of an element to RYB 201, 227, 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(201, 245, 231) }
```

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

```
.border{ border-color:rgb(201, 245, 231) }
```

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

Here you see how a box with a 4 pixel rgb(201, 245, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 245, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 245, 231);  
box-shadow:4px 4px 4px 4px rgb(201, 245,  
231) }
```

Background

The CSS property to change the background color of an element to RYB 201, 227, 245 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, 231) }
```

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

```
.background{ background-color: rgb(201,  
245, 231) }
```

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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