

Converting Colors

RYB(205, 230, 245)

Have a look what the booklet for RYB(205, 230, 245) contains.

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Color

R_YB(205, 230, 245)

Conversions

Conversions Part 1

Format	Color
Hex	CDF5E5
RGB	205, 245, 229
RGB Percent	80%, 96%, 90%
CMY	0.1961, 0.0392, 0.1020
CMYK	0.16, 0.00, 0.07, 0.04
HSL	156°, 67%, 88%
HSV	156°, 16%, 96%
XYZ	71.9721, 83.9411, 86.5377
YIQ	231.2160, -18.7040, -13.4560

Conversions

Conversions Part 2

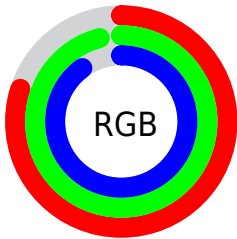
Format	Color
R _Y B	205, 230, 245
Decimal	13497829
CIE Lab	93.42, -15.92, 3.41
CIE LCh	93, 16.285, 167.931
Yxy	83.9411, 0.2969, 0.3462
Android (android.graphics.Color)	4291687909 (0xFFCDF5E5)
YUV	231.2160, -1.0925, -22.9914
Hunter-Lab	91.6194, -20.1122, 8.1321

Details

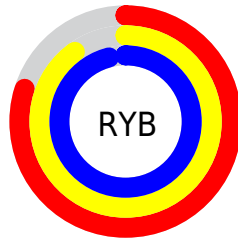
The RYB color **205, 230, 245** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **245, 205, 221**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **150, 174, 189** is the 20% darker color. If you saturate the color by 10%, you get **180, 221, 245**, and if you desaturate by 10%, it is **230, 239, 245**.

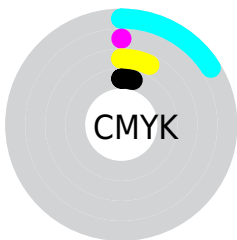
Distribution



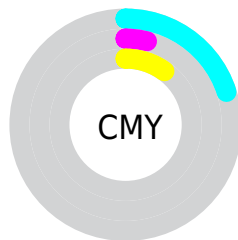
- Red (80%)
- Green (96%)
- Blue (90%)



- Red (80%)
- Yellow (90%)
- Blue (96%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)



- Cyan (20%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 230, 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 205, 230, 245 by changing the saturation by 10% instead.

■ 205, 230, 245

255, 255, 255

■ 205, 230, 245

■ 177, 202, 217

■ 150, 174, 189

■ 124, 148, 162

■ 99, 121, 135

■ 74, 96, 110

■ 51, 72, 85


■ 28, 49, 62

■ 4, 25, 40

■ 0, 17, 20

 205, 230, 245

 205, 230, 245

 180, 221, 245


 230, 239, 245


 156, 212, 245


 254, 245, 249


 132, 203, 245


 255, 245, 255

 107, 193, 245

 83, 184, 245

 58, 175, 245

 34, 166, 245

 9, 156, 245

 0, 153, 245

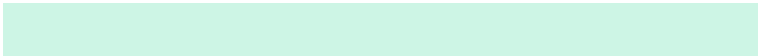
Harmonies

Analogous

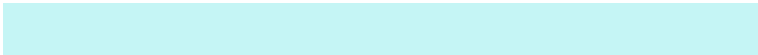
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215, 242, 236



205, 230, 245



197, 221, 245

Triad

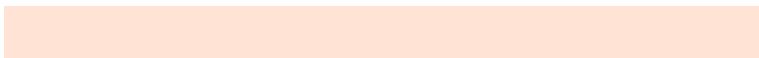
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



205, 230, 245



231, 234, 255



255, 236, 213

Complementary

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



205, 230, 245



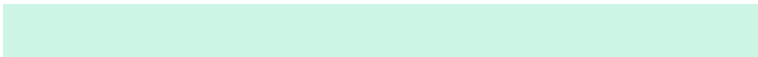
245, 205, 221

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, 226, 227



205, 230, 245



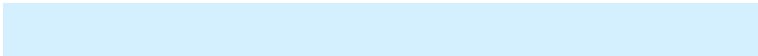
250, 229, 255

Square

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



205, 230, 245



212, 229, 255



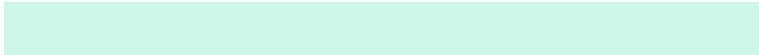
255, 226, 243



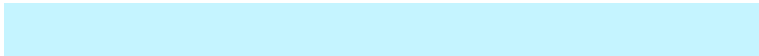
246, 255, 206

Rectangle

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



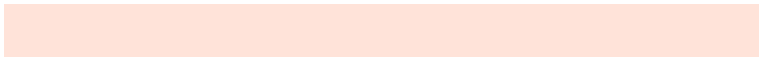
205, 230, 245



197, 223, 255



255, 226, 243



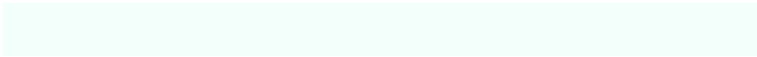
255, 231, 217

Sweetspot

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



205, 230, 245



242, 250, 255



205, 245, 229



120, 125, 128



0, 0, 0



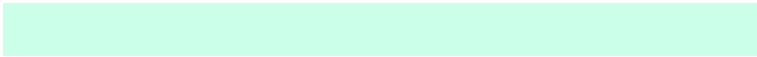
128, 128, 128

Same Dimension

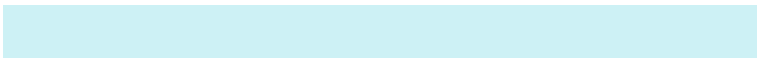
The Same Dimension uses a secret algorithm to generate beautiful new colors.



205, 230, 245



204, 236, 255



205, 224, 245



110, 117, 122



0, 116, 186



0, 37, 59

Inverse Universe

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



245, 205, 221



255, 204, 224



245, 209, 205



122, 110, 115



186, 0, 74



59, 0, 23

Previews

White Background



This preview shows how the RYB color 205, 230, 245 looks on a white background.

Color Contrast Check

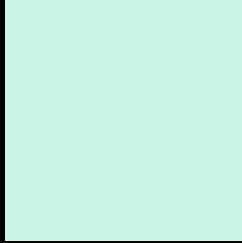
Large Text (above 18pt) WCAG AA × Fail

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 205, 230, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

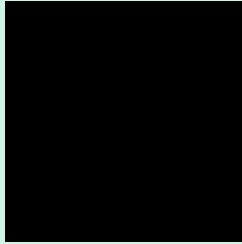
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

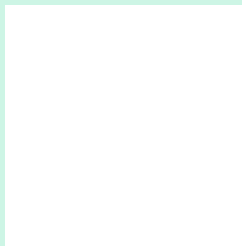
Any Text WCAG AAA ✓ Pass

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

RYB 205, 230, 245 Background



This preview shows how black text looks on a background with the RYB color 205, 230, 245.



This preview shows how white text looks on a background with the RYB color 205, 230, 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





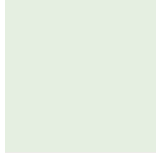
Tritanopia
216, 230, 255

Trichromacy



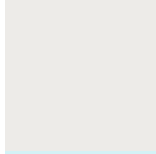
Original Color

205, 230, 245



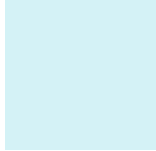
Protanomaly

225, 239, 235



Deuteranomaly

235, 237, 232



Tritanomaly

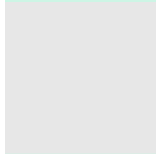
212, 228, 246

Monochromacy



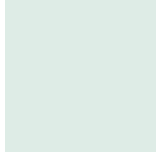
Original Color

205, 230, 245



Achromatopsia

231, 231, 231



Achromatomaly

222, 231, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 230, 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(205, 245, 229)` looks like.

```
.text, #text, p{  
    color:rgb(205, 245, 229)  
}
```

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(205, 245, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 245, 229) }
```

Border

The CSS property to change the border of an element to RYB 205, 230, 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(205, 245, 229) }
```

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

```
.border{ border-color:rgb(205, 245, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 245, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 245, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 245, 229);  
box-shadow:4px 4px 4px 4px rgb(205, 245,  
229) }
```

Background

The CSS property to change the background color of an element to RYB 205, 230, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 245, 229) }
```

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

```
.background{ background-color: rgb(205,  
245, 229) }
```

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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