

Converting Colors

`RYB(205, 226, 244)`

Have a look what the booklet for RYB(205, 226, 244) contains.

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Color

R_YB(205, 226, 244)

Conversions

Conversions Part 1

Format	Color
Hex	CDF4EE
RGB	205, 244, 238
RGB Percent	80%, 96%, 93%
CMY	0.1961, 0.0431, 0.0650
CMYK	0.16, 0.00, 0.02, 0.04
HSL	171°, 64%, 88%
HSV	171°, 16%, 96%
XYZ	73.0232, 83.8788, 93.5609
YIQ	231.6550, -21.3180, -10.1340

Conversions

Conversions Part 2

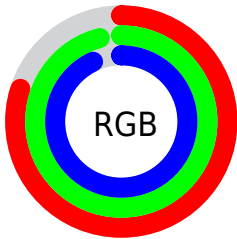
Format	Color
R _Y B	205, 226, 244
Decimal	13497582
CIE Lab	93.40, -13.60, -1.52
CIE LCh	93, 13.685, 186.392
Yxy	83.8788, 0.2916, 0.3349
Android (android.graphics.Color)	4291687662 (0xFFCDF4EE)
YUV	231.6550, 3.1281, -23.3764
Hunter-Lab	91.5854, -17.9520, 3.5408

Details

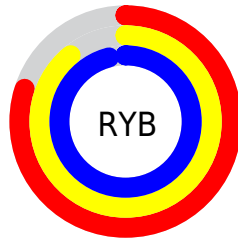
The RYB color **205, 226, 244** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **244, 205, 211**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **255, 255, 255**, and **150, 171, 188** is the 20% darker color. If you saturate the color by 10%, you get **181, 215, 244**, and if you desaturate by 10%, it is **229, 237, 244**.

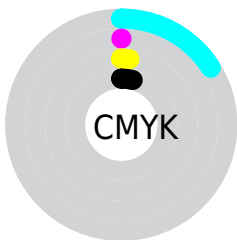
Distribution



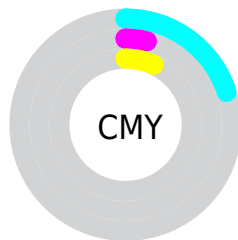
- Red (80%)
- Green (96%)
- Blue (93%)



- Red (80%)
- Yellow (89%)
- Blue (96%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (20%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 226, 244 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, 226, 244 by changing the saturation by 10% instead.

■ 205, 226, 244

255, 255, 255

■ 205, 226, 244

■ 177, 198, 216

■ 150, 170, 188

■ 124, 144, 161

■ 99, 118, 134

■ 74, 93, 109

■ 50, 69, 85


■ 27, 45, 61

■ 3, 22, 39

■ 0, 11, 20

 205, 226, 244


 205, 226, 244

 181, 215, 244


 229, 237, 244

 156, 204, 244


 254, 244, 245

 132, 192, 244


 255, 244, 249


 107, 181, 244


 255, 244, 252

 83, 170, 244

 255, 244, 255

 59, 158, 244

 34, 147, 244

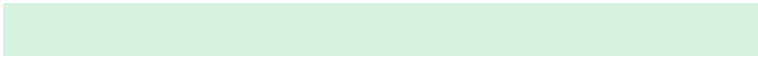
 10, 136, 244

 0, 131, 244

Harmonies

Analogous

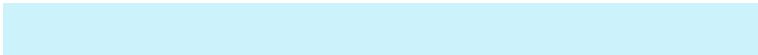
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215, 236, 243



205, 226, 244



204, 225, 251

Triad

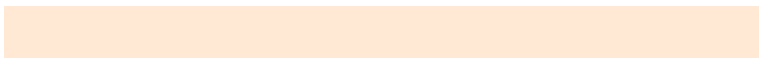
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



205, 226, 244



242, 232, 255



255, 249, 212

Complementary

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



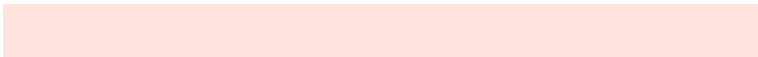
205, 226, 244



244, 205, 211

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, 230, 221



205, 226, 244



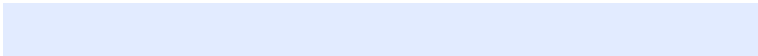
255, 228, 247

Square

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



205, 226, 244



226, 233, 255



255, 227, 234



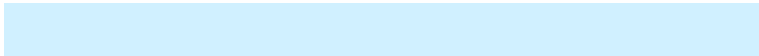
220, 244, 210

Rectangle

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



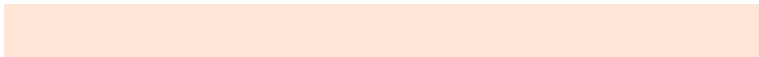
205, 226, 244



208, 227, 255



255, 227, 234



255, 239, 215

Sweetspot

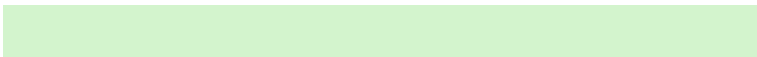
The Sweet Spot groups the original color and five complimentary colors.



205, 226, 244



242, 249, 255



205, 244, 238



120, 125, 128



0, 0, 0



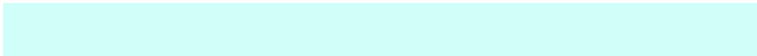
128, 128, 128

Same Dimension

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



205, 226, 244



207, 233, 255



205, 220, 244



110, 116, 122



0, 100, 186



0, 32, 59

Inverse Universe

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



244, 205, 211



255, 207, 213



244, 227, 205



122, 110, 112



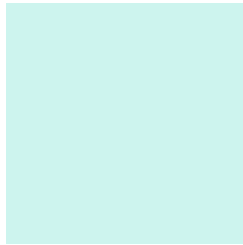
186, 0, 27



59, 0, 8

Previews

White Background



This preview shows how the RYB color 205, 226, 244 looks on a white background.

Color Contrast Check

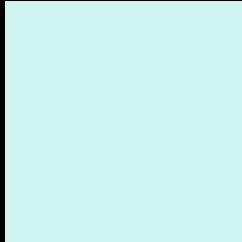
Large Text (above 18pt) WCAG AA × Fail

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, 226, 244 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, 226, 244 Background



This preview shows how black text looks on a background with the RYB color 205, 226, 244.



This preview shows how white text looks on a background with the RYB color 205, 226, 244.

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





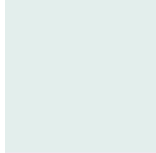
Tritanopia
215, 230, 255

Trichromacy



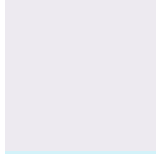
Original Color

205, 226, 244



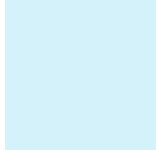
Protanomaly

227, 233, 238



Deuteranomaly

237, 234, 240



Tritanomaly

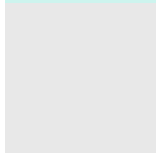
211, 228, 249

Monochromacy



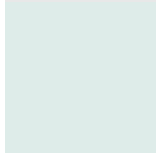
Original Color

205, 226, 244



Achromatopsia

232, 232, 232



Achromatomaly

222, 230, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 226, 244 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, 244, 238)` looks like.

```
.text, #text, p{  
    color:rgb(205, 244, 238)  
}
```

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, 244, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 244, 238) }
```

Border

The CSS property to change the border of an element to RYB 205, 226, 244 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, 244, 238) }
```

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

```
.border{ border-color:rgb(205, 244, 238) }
```

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

Here you see how a box with a 4 pixel rgb(205, 244, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 244, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 244, 238);  
box-shadow:4px 4px 4px 4px rgb(205, 244,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 205, 226, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 244, 238) }
```

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

```
.background{ background-color: rgb(205,  
244, 238) }
```

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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