

Converting Colors

`RYB(191, 244, 228)`

Have a look what the booklet for
RYB(191, 244, 228) contains.

RYB(191, 244, 228)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(191, 244, 228)

Conversions

Conversions Part 1

Format	Color
Hex	CFF4BF
RGB	207, 244, 191
RGB Percent	81%, 96%, 75%
CMY	0.1882, 0.0431, 0.2510
CMYK	0.15, 0.00, 0.22, 0.04
HSL	102°, 71%, 85%
HSV	102°, 22%, 96%
XYZ	67.4868, 81.7284, 61.5084
YIQ	226.8950, -5.0390, -24.3270

Conversions

Conversions Part 2

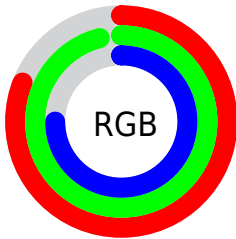
Format	Color
RYB	191, 244, 228
Decimal	13628607
CIELab	92.45, -21.41, 21.66
CIELCh	92, 30.458, 134.673
Yxy	81.7284, 0.3203, 0.3878
Android (android.graphics.Color)	4291818687 (0xFFCFF4BF)
YUV	226.8950, -17.6962, -17.4479
Hunter-Lab	90.4037, -24.9555, 22.9432

Details

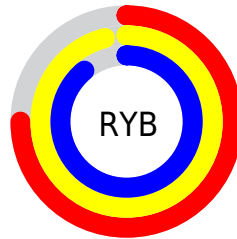
The RYB color **191, 244, 228** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **228, 191, 244**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **248, 255, 248**, and **137, 188, 173** is the 20% darker color. If you saturate the color by 10%, you get **167, 244, 221**, and if you desaturate by 10%, it is **215, 244, 235**.

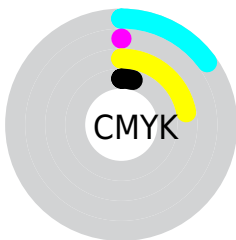
Distribution



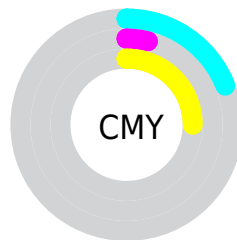
- Red (81%)
- Green (96%)
- Blue (75%)



- Red (75%)
- Yellow (96%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (22%)
- Black (4%)



- Cyan (19%)
- Magenta (4%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 244, 228 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 191, 244, 228 by changing the saturation by 10% instead.

 191, 244, 228


255, 255, 255


 248, 255, 248

 191, 244, 228


 164, 216, 201

 137, 188, 173


 112, 161, 147


 87, 134, 121

 63, 109, 96

 41, 84, 73

 19, 61, 51

 0, 39, 30

 0, 16, 16

 191, 244, 228

 191, 244, 228

 167, 244, 221

 215, 244, 235

 142, 244, 213

 240, 244, 243

 118, 244, 206

 255, 244, 255

 93, 244, 198

 69, 244, 191

 45, 244, 184

 20, 244, 176

 0, 244, 170

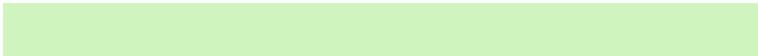
Harmonies

Analogous

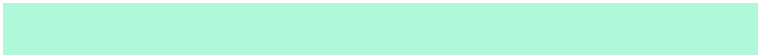
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



180, 240, 176



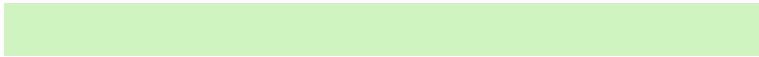
191, 244, 228



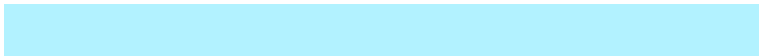
175, 222, 249

Triad

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



191, 244, 228



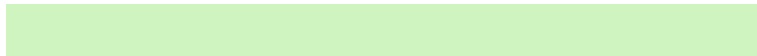
178, 213, 255



255, 212, 220

Complementary

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



191, 244, 228



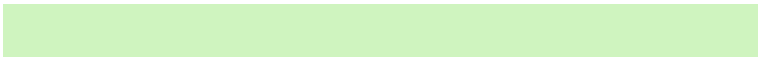
228, 191, 244

Split Complementary

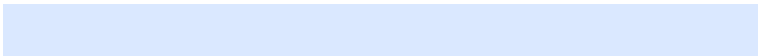
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 214, 250



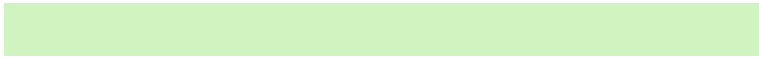
191, 244, 228



218, 228, 255

Square

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



191, 244, 228



152, 201, 255



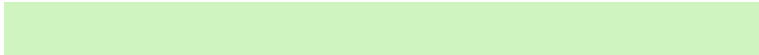
255, 221, 255



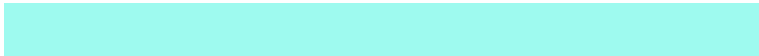
255, 232, 193

Rectangle

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



191, 244, 228



158, 207, 250



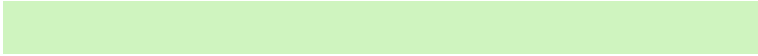
255, 221, 255



255, 212, 230

Sweetspot

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



191, 244, 228



237, 255, 249



216, 244, 191



117, 128, 125



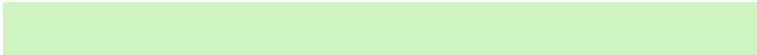
0, 0, 0



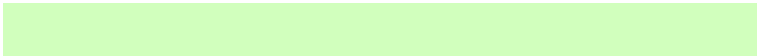
128, 128, 128

Same Dimension

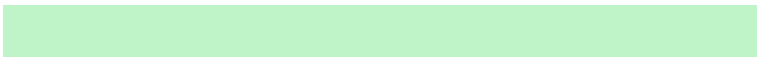
The Same Dimension uses a secret algorithm to generate beautiful new colors.



191, 244, 228



189, 255, 235



191, 236, 244



110, 122, 118



0, 186, 130



0, 59, 41

Inverse Universe

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



228, 191, 244



235, 189, 255



244, 191, 234



119, 110, 122



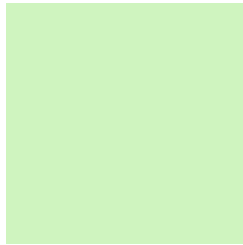
130, 0, 186



41, 0, 59

Previews

White Background



This preview shows how the RYB color 191, 244, 228 looks on a white background.

Color Contrast Check

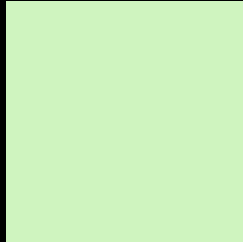
Large Text (above 18pt) WCAG AA × Fail

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 191, 244, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

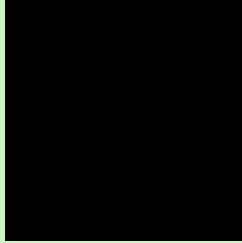
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

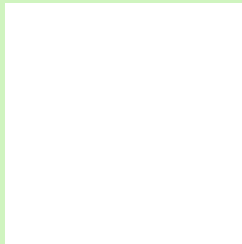
Any Text WCAG AAA ✓ Pass

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

RYB 191, 244, 228 Background



This preview shows how black text looks on a background with the RYB color 191, 244, 228.



This preview shows how white text looks on a background with the RYB color 191, 244, 228.

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





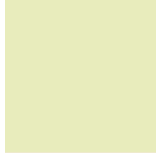
Tritanopia
217, 229, 254

Trichromacy



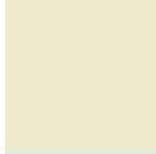
Original Color

191, 244, 228



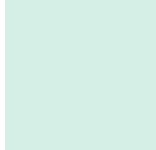
Protanomaly

188, 236, 192



Deuteranomaly

209, 238, 204



Tritanomaly

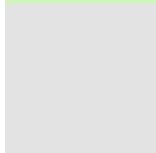
213, 228, 238

Monochromacy



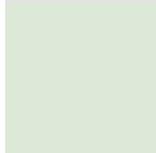
Original Color

191, 244, 228



Achromatopsia

227, 227, 227



Achromatomaly

214, 233, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 244, 228 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(207, 244, 191)` looks like.

```
.text, #text, p{  
    color:rgb(207, 244, 191)  
}
```

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(207, 244, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 244, 191) }
```

Border

The CSS property to change the border of an element to RYB 191, 244, 228 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(207, 244, 191) }
```

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

```
.border{ border-color:rgb(207, 244, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 244, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 244, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 244, 191);  
box-shadow:4px 4px 4px 4px rgb(207, 244,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 191, 244, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 244, 191) }
```

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

```
.background{ background-color: rgb(207,  
244, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor