

Converting Colors

`RYB(193, 244, 233)`

Have a look what the booklet for
RYB(193, 244, 233) contains.

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Color

R_YB(193, 244, 233)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | CCF4C1 |
| RGB | 204, 244, 193 |
| RGB Percent | 80%, 96%, 76% |
| CMY | 0.2000, 0.0431, 0.2431 |
| CMYK | 0.16, 0.00, 0.21, 0.04 |
| HSL | 107°, 70%, 86% |
| HSV | 107°, 21%, 96% |
| XYZ | 66.8782, 81.3890, 62.6369 |
| YIQ | 226.2260, -7.4690, -24.3410 |

Conversions

Conversions Part 2

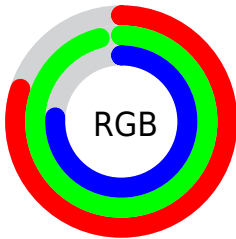
| Format | Color |
|-------------------------------------|--|
| RYB | 193, 244, 233 |
| Decimal | 13432001 |
| CIELab | 92.30, -22.11, 20.40 |
| CIElCh | 92, 30.081, 137.311 |
| Yxy | 81.3890, 0.3171, 0.3859 |
| Android (android.graphics.Color) | 4291622081 (0xFFCCCF4C1) |
| YUV | 226.2260, -16.3804, -19.4922 |
| Hunter-Lab | 90.2158, -25.5534, 21.9860 |

Details

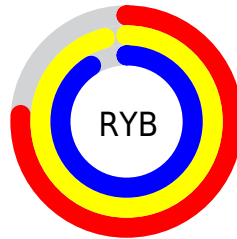
The RYB color **193, 244, 233** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **233, 193, 244**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is 250, 255, 250, and **139, 188, 178** is the 20% darker color. If you saturate the color by 10%, you get **169, 244, 228**, and if you desaturate by 10%, it is **217, 244, 238**.

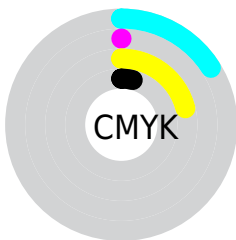
Distribution



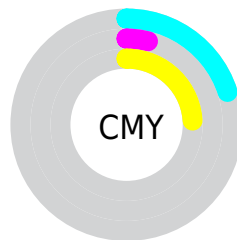
- Red (80%)
- Green (96%)
- Blue (76%)



- Red (76%)
- Yellow (96%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (21%)
- Black (4%)



- Cyan (20%)
- Magenta (4%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 244, 233 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 193, 244, 233 by changing the saturation by 10% instead.

 193, 244, 233


255, 255, 255


 250, 255, 250


 193, 244, 233


 166, 216, 206


 139, 188, 178


 114, 161, 152


 89, 134, 125

 65, 109, 101

 43, 84, 78

 21, 61, 56

 0, 39, 33

 0, 15, 15

 193, 244, 233

 193, 244, 233

 169, 244, 228

 217, 244, 238

 144, 244, 222

 242, 244, 244

 120, 244, 217

 255, 244, 255

 95, 244, 212

 71, 244, 207

 47, 244, 202

 22, 244, 196

 0, 244, 191

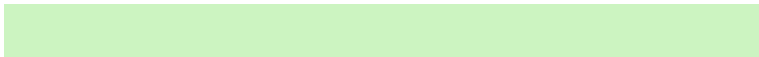
Harmonies

Analogous

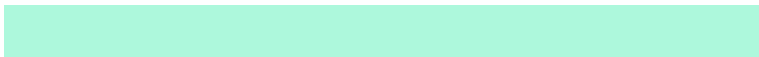
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



178, 237, 177



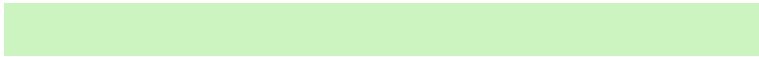
193, 244, 233



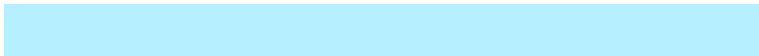
173, 219, 248

Triad

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



193, 244, 233



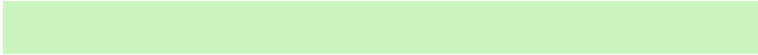
182, 214, 255



255, 213, 217

Complementary

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



193, 244, 233



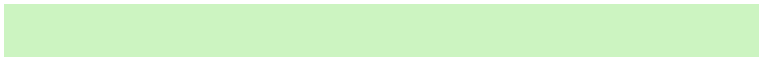
233, 193, 244

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, 213, 246



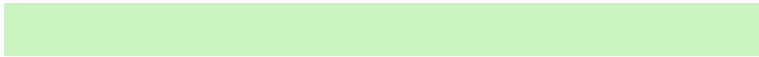
193, 244, 233



221, 228, 255

Square

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



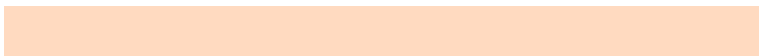
193, 244, 233



154, 202, 255



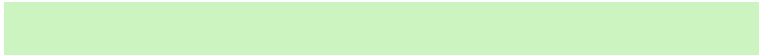
255, 220, 255



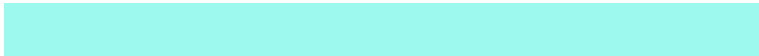
255, 236, 192

Rectangle

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



193, 244, 233



157, 206, 249



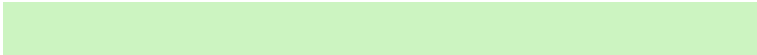
255, 220, 255



255, 212, 227

Sweetspot

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



193, 244, 233



240, 255, 252



207, 244, 193



119, 128, 126



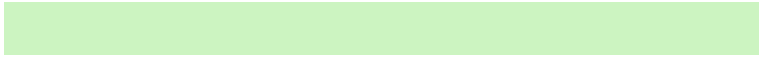
0, 0, 0



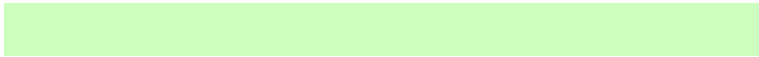
128, 128, 128

Same Dimension

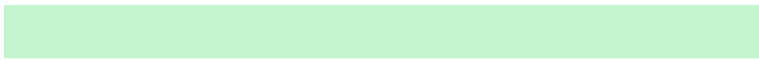
The Same Dimension uses a secret algorithm to generate beautiful new colors.



193, 244, 233



191, 255, 241



193, 233, 244



110, 122, 119



0, 186, 146



0, 59, 46

Inverse Universe

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



233, 193, 244



241, 191, 255



244, 193, 230



120, 110, 122



146, 0, 186



46, 0, 59

Previews

White Background



This preview shows how the RYB color 193, 244, 233 looks on a white background.

Color Contrast Check

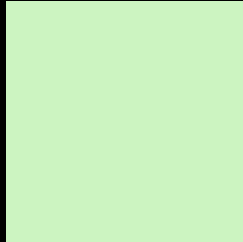
Large Text (above 18pt) WCAG AA × Fail

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 193, 244, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

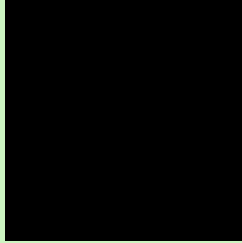
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

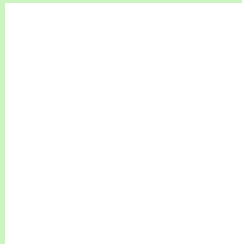
Any Text WCAG AAA ✓ Pass

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

RYB 193, 244, 233 Background



This preview shows how black text looks on a background with the RYB color 193, 244, 233.



This preview shows how white text looks on a background with the RYB color 193, 244, 233.

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





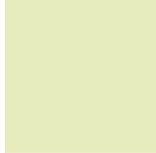
Tritanopia
214, 228, 254

Trichromacy



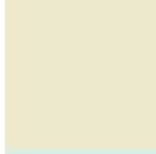
Original Color

193, 244, 233



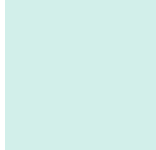
Protanomaly

189, 236, 194



Deuteranomaly

207, 236, 204



Tritanomaly

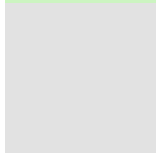
210, 226, 239

Monochromacy



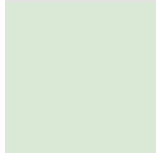
Original Color

193, 244, 233



Achromatopsia

226, 226, 226



Achromatomaly

214, 233, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 244, 233 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(204, 244, 193)` looks like.

```
.text, #text, p{  
    color:rgb(204, 244, 193)  
}
```

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(204, 244, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 244, 193) }
```

Border

The CSS property to change the border of an element to RYB 193, 244, 233 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(204, 244, 193) }
```

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

```
.border{ border-color:rgb(204, 244, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 244, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 244, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 244, 193); box-shadow:4px 4px 4px 4px rgb(204, 244, 193) }
```

Background

The CSS property to change the background color of an element to RYB 193, 244, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 244, 193) }
```

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

```
.background{ background-color: rgb(204,  
244, 193) }
```

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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