

Converting Colors

`RYB(193, 241, 239)`

Have a look what the booklet for
RYB(193, 241, 239) contains.

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Color

R_YB(193, 241, 239)

Conversions

Conversions Part 1

Format	Color
Hex	C3F1C1
RGB	195, 241, 193
RGB Percent	76%, 95%, 76%
CMY	0.2353, 0.0549, 0.2431
CMYK	0.19, 0.00, 0.20, 0.05
HSL	118°, 63%, 85%
HSV	118°, 20%, 95%
XYZ	63.5866, 78.3630, 62.2263
YIQ	221.7740, -12.0080, -24.6800

Conversions

Conversions Part 2

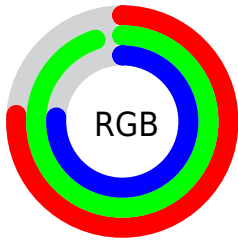
Format	Color
RYB	193, 241, 239
Decimal	12841409
CIELab	90.95, -23.67, 18.42
CIElCh	91, 29.992, 142.117
Yxy	78.3630, 0.3114, 0.3838
Android (android.graphics.Color)	4291031489 (0xFFC3F1C1)
YUV	221.7740, -14.1856, -23.4808
Hunter-Lab	88.5229, -26.6971, 20.2887

Details

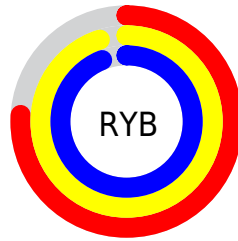
The RYB color **193, 241, 239** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **239, 193, 241**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is 250, 255, 253, and **139, 185, 183** is the 20% darker color. If you saturate the color by 10%, you get **169, 241, 238**, and if you desaturate by 10%, it is **217, 241, 240**.

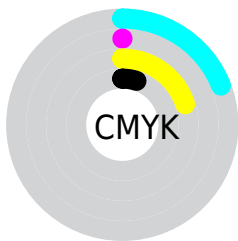
Distribution



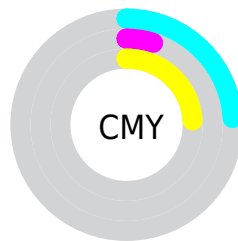
- Red (76%)
- Green (95%)
- Blue (76%)



- Red (76%)
- Yellow (95%)
- Blue (94%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (5%)



- Cyan (24%)
- Magenta (5%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 241, 239 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, 241, 239 by changing the saturation by 10% instead.

 193, 241, 239

255, 255, 255


 250, 255, 253


 193, 241, 239


 166, 213, 212

 139, 185, 183


 114, 158, 157

 89, 131, 131

 65, 106, 106

 41, 80, 82

 17, 54, 58

 0, 36, 36

 0, 6, 6

 193, 241, 239

 193, 241, 239

 169, 241, 238

 217, 241, 240

 145, 241, 237

 241, 241, 241

 121, 241, 236

 255, 241, 255

 97, 241, 235

 73, 241, 234

 48, 241, 233

 24, 241, 232

 0, 241, 231

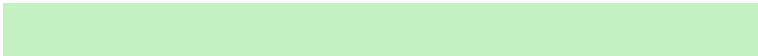
Harmonies

Analogous

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



175, 234, 181



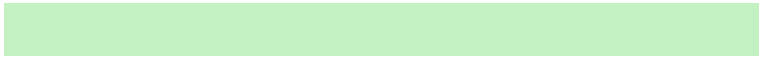
193, 241, 239



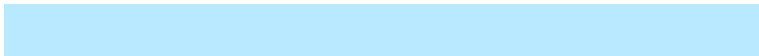
165, 212, 245

Triad

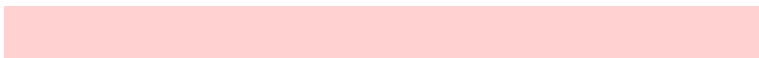
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



193, 241, 239



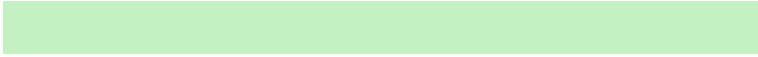
184, 213, 255



255, 209, 209

Complementary

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



193, 241, 239



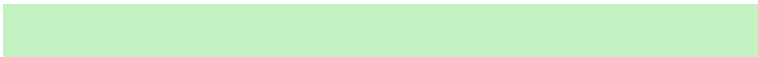
239, 193, 241

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, 209, 238



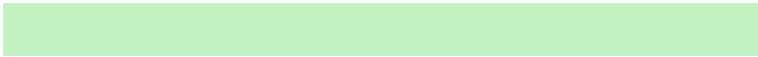
193, 241, 239



224, 224, 255

Square

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



193, 241, 239



153, 200, 255



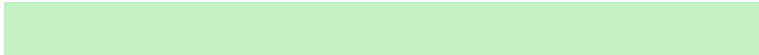
255, 215, 255



255, 238, 185

Rectangle

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



193, 241, 239



150, 199, 245



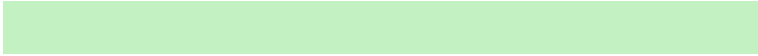
255, 215, 255



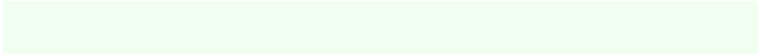
255, 208, 218

Sweetspot

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



193, 241, 239



240, 255, 255



195, 241, 193



119, 128, 128



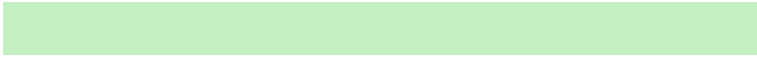
0, 0, 0



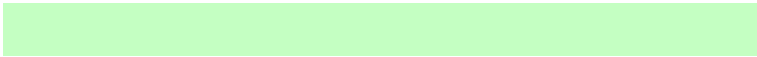
128, 128, 128

Same Dimension

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



193, 241, 239



194, 255, 253



193, 226, 241



108, 120, 120



0, 184, 176



0, 56, 54

Inverse Universe

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



239, 193, 241



252, 194, 255



241, 193, 219



119, 108, 120



176, 0, 184



54, 0, 56

Previews

White Background



This preview shows how the RYB color 193, 241, 239 looks on a white background.

Color Contrast Check

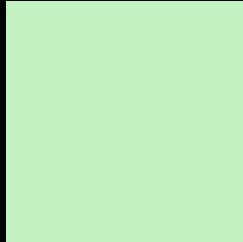
Large Text (above 18pt) WCAG AA × Fail

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, 241, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

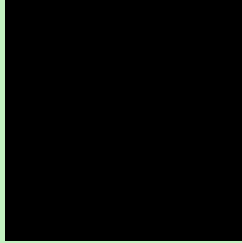
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

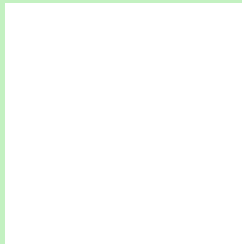
Any Text WCAG AAA ✓ Pass

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

RYB 193, 241, 239 Background



This preview shows how black text looks on a background with the RYB color 193, 241, 239.

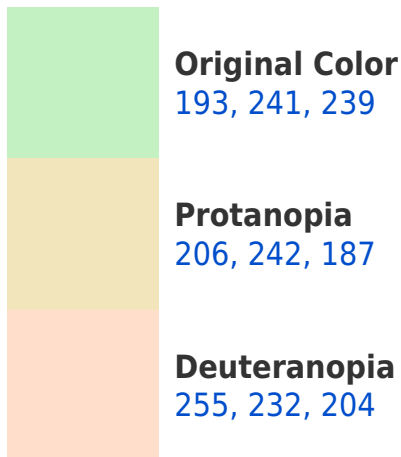


This preview shows how white text looks on a background with the RYB color 193, 241, 239.

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





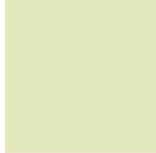
Tritanopia
205, 223, 252

Trichromacy



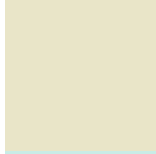
Original Color

193, 241, 239



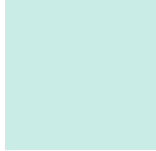
Protanomaly

189, 233, 197



Deuteranomaly

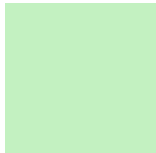
205, 233, 200



Tritanomaly

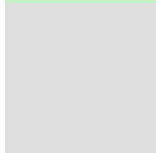
201, 220, 236

Monochromacy



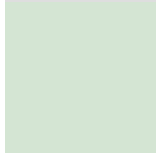
Original Color

193, 241, 239



Achromatopsia

222, 222, 222



Achromatomaly

211, 229, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 241, 239 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(195, 241, 193)` looks like.

```
.text, #text, p{  
    color:rgb(195, 241, 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(195, 241, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 241, 193) }
```

Border

The CSS property to change the border of an element to RYB 193, 241, 239 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(195, 241, 193) }
```

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

```
.border{ border-color:rgb(195, 241, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 241, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 241, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 241, 193);  
box-shadow:4px 4px 4px 4px rgb(195, 241,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 193, 241, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 241, 193) }
```

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

```
.background{ background-color: rgb(195,  
241, 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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