

Converting Colors

`RYB(196, 250, 239)`

Have a look what the booklet for
RYB(196, 250, 239) contains.

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Color

R_YB(196, 250, 239)

Conversions

Conversions Part 1

Format	Color
Hex	CFFAC4
RGB	207, 250, 196
RGB Percent	81%, 98%, 77%
CMY	0.1882, 0.0196, 0.2314
CMYK	0.17, 0.00, 0.22, 0.02
HSL	108°, 84%, 87%
HSV	108°, 22%, 98%
XYZ	69.8815, 85.6221, 65.0681
YIQ	230.9870, -8.2940, -25.9100

Conversions

Conversions Part 2

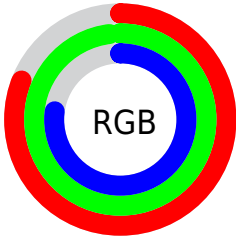
Format	Color
RYB	196, 250, 239
Decimal	13630148
CIELab	94.15, -23.51, 21.45
CIElCh	94, 31.826, 137.616
Yxy	85.6221, 0.3168, 0.3882
Android (android.graphics.Color)	4291820228 (0xFFCFFAC4)
YUV	230.9870, -17.2486, -21.0366
Hunter-Lab	92.5322, -27.1259, 23.0802

Details

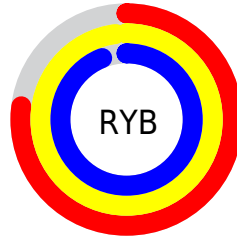
The RYB color **196, 250, 239** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **239, 196, 250**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **253, 255, 253**, and **142, 193, 183** is the 20% darker color. If you saturate the color by 10%, you get **171, 250, 234**, and if you desaturate by 10%, it is **221, 250, 244**.

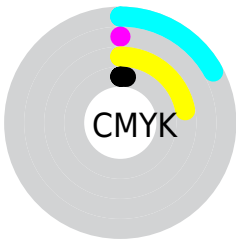
Distribution



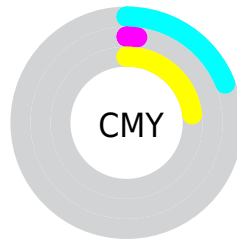
- Red (81%)
- Green (98%)
- Blue (77%)



- Red (77%)
- Yellow (98%)
- Blue (94%)



- Cyan (17%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)



- Cyan (19%)
- Magenta (2%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 250, 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 196, 250, 239 by changing the saturation by 10% instead.


 196, 250, 239

255, 255, 255


253, 255, 253


 196, 250, 239

 169, 221, 211

 142, 193, 183

 116, 166, 156

 91, 140, 131

 68, 114, 107

 45, 89, 83

 23, 66, 62


 0, 43, 37

 0, 23, 23

 196, 250, 239

 196, 250, 239

 171, 250, 234

 221, 250, 244

 146, 250, 229

 246, 250, 249

 121, 250, 224

 255, 250, 255

 96, 250, 219

 71, 250, 214

 46, 250, 208

 21, 250, 203

 0, 250, 199

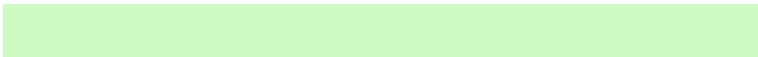
Harmonies

Analogous

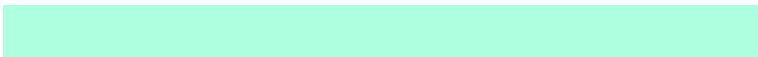
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



179, 242, 179



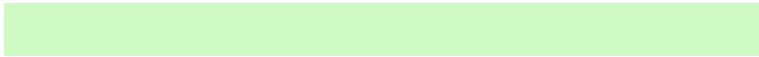
196, 250, 239



173, 224, 255

Triad

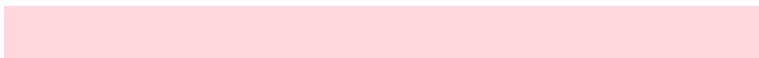
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



196, 250, 239



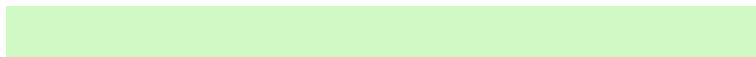
184, 217, 255



255, 216, 221

Complementary

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



196, 250, 239



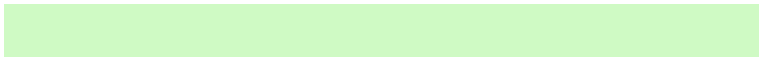
239, 196, 250

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, 217, 252



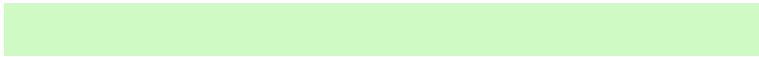
196, 250, 239



226, 233, 255

Square

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



196, 250, 239



153, 203, 255



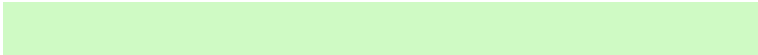
255, 224, 255



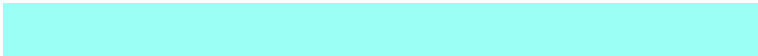
255, 246, 194

Rectangle

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



196, 250, 239



156, 208, 255



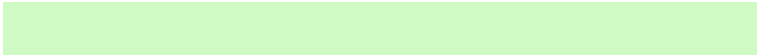
255, 224, 255



255, 216, 231

Sweetspot

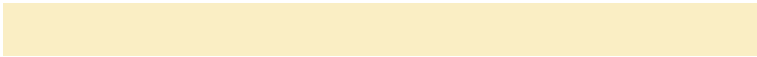
The Sweet Spot groups the original color and five complimentary colors.



196, 250, 239



240, 255, 252



211, 250, 196



119, 128, 127



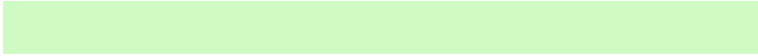
0, 0, 0



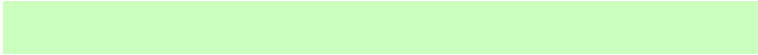
128, 128, 128

Same Dimension

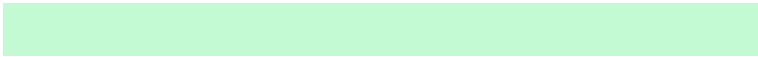
The Same Dimension uses a secret algorithm to generate beautiful new colors.



196, 250, 239



189, 255, 242



196, 238, 250



112, 125, 122



0, 189, 151



0, 61, 49

Inverse Universe

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



239, 196, 250



241, 189, 255



250, 196, 235



122, 112, 125



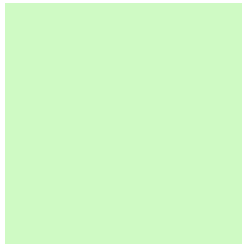
150, 0, 189



49, 0, 61

Previews

White Background



This preview shows how the RYB color 196, 250, 239 looks on a white background.

Color Contrast Check

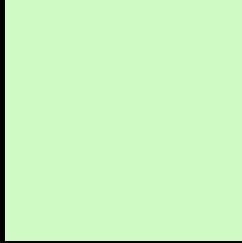
Large Text (above 18pt) WCAG AA × Fail

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 196, 250, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

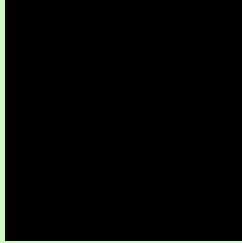
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

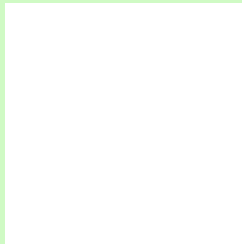
Any Text WCAG AAA ✓ Pass

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

RYB 196, 250, 239 Background



This preview shows how black text looks on a background with the RYB color 196, 250, 239.

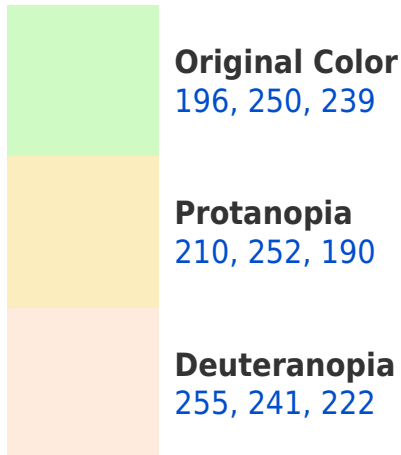


This preview shows how white text looks on a background with the RYB color 196, 250, 239.

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





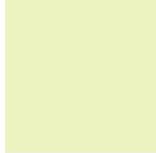
Tritanopia
223, 234, 255

Trichromacy



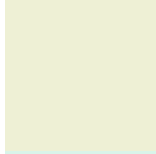
Original Color

196, 250, 239



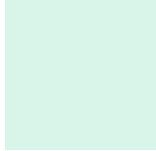
Protanomaly

192, 242, 198



Deuteranomaly

213, 240, 215



Tritanomaly

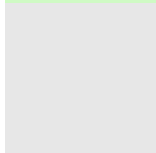
217, 234, 244

Monochromacy



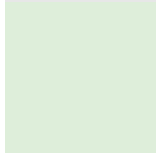
Original Color

196, 250, 239



Achromatopsia

231, 231, 231



Achromatomaly

218, 238, 234

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 250, 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(207, 250, 196)` looks like.

```
.text, #text, p{  
    color:rgb(207, 250, 196)  
}
```

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, 250, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 250, 196) }
```

Border

The CSS property to change the border of an element to RYB 196, 250, 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(207, 250, 196) }
```

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

```
.border{ border-color:rgb(207, 250, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 250, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 250, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 250, 196);  
box-shadow:4px 4px 4px 4px rgb(207, 250,  
196) }
```

Background

The CSS property to change the background color of an element to RYB 196, 250, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 250, 196) }
```

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

```
.background{ background-color: rgb(207,  
250, 196) }
```

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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