

Converting Colors

`RYB(193, 237, 249)`

Have a look what the booklet for
RYB(193, 237, 249) contains.

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Color

R_YB(193, 237, 249)

Conversions

Conversions Part 1

Format	Color
Hex	C1F9D0
RGB	193, 249, 208
RGB Percent	76%, 98%, 82%
CMY	0.2431, 0.0235, 0.1832
CMYK	0.22, 0.00, 0.16, 0.02
HSL	136°, 82%, 87%
HSV	136°, 22%, 98%
XYZ	67.2868, 83.6563, 72.4515
YIQ	227.5820, -20.2150, -24.6230

Conversions

Conversions Part 2

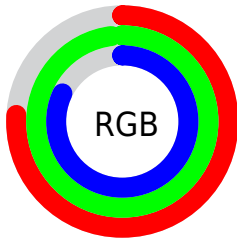
Format	Color
RYB	193, 237, 249
Decimal	12712400
CIELab	93.30, -25.50, 13.84
CIElCh	93, 29.018, 151.505
Yxy	83.6563, 0.3012, 0.3745
Android (android.graphics.Color)	4290902480 (0xFFC1F9D0)
YUV	227.5820, -9.6539, -30.3284
Hunter-Lab	91.4638, -28.7455, 17.0591

Details

The RYB color **193, 237, 249** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **249, 193, 234**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 250, 253, 255, and **138, 180, 192** is the 20% darker color. If you saturate the color by 10%, you get **168, 232, 249**, and if you desaturate by 10%, it is **218, 243, 249**.

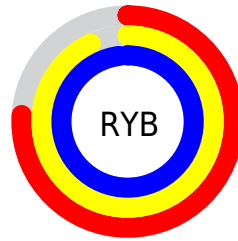
Distribution



Red (76%)

Green (98%)

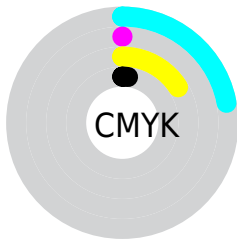
Blue (82%)



Red (76%)

Yellow (93%)

Blue (98%)

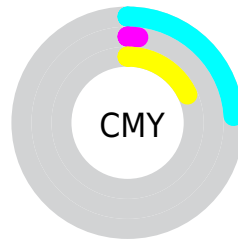


Cyan (22%)

Magenta (0%)

Yellow (16%)

Black (2%)



Cyan (24%)

Magenta (2%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 237, 249 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, 237, 249 by changing the saturation by 10% instead.

 193, 237, 249


255, 255, 255


 250, 253, 255


 193, 237, 249


 165, 208, 220


 138, 180, 192


 112, 153, 165

 87, 127, 139

 62, 100, 113

 37, 74, 88

 10, 47, 64

 0, 32, 42

 0, 20, 20

 193, 237, 249

 193, 237, 249

 168, 232, 249

 218, 243, 249

 143, 226, 249

 243, 248, 249

 118, 221, 249

 255, 249, 255

 93, 215, 249

 69, 210, 249

 44, 205, 249

 19, 200, 249

 0, 196, 249

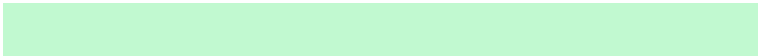
Harmonies

Analogous

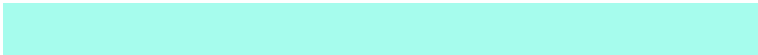
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



188, 243, 206



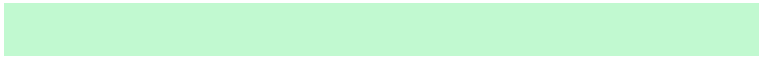
193, 237, 249



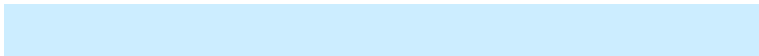
166, 213, 252

Triad

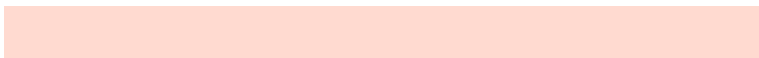
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



193, 237, 249



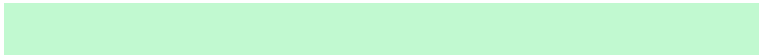
204, 224, 255



255, 221, 208

Complementary

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



193, 237, 249



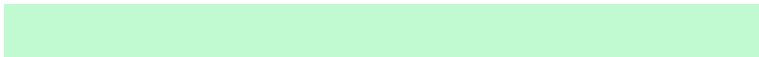
249, 193, 234

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, 216, 235



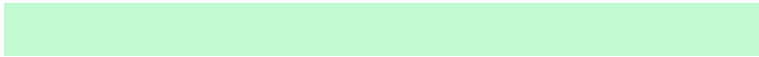
193, 237, 249



242, 228, 255

Square

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



193, 237, 249



171, 211, 255



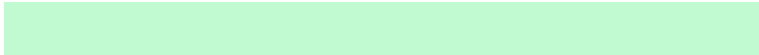
255, 220, 255



242, 255, 188

Rectangle

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



193, 237, 249



157, 205, 255



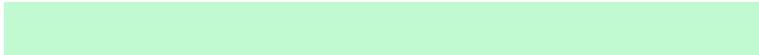
255, 220, 255



255, 217, 217

Sweetspot

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



193, 237, 249



237, 251, 255



193, 249, 208



117, 126, 128



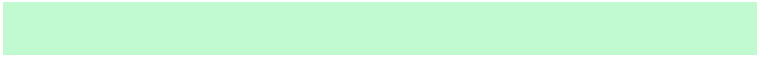
0, 0, 0



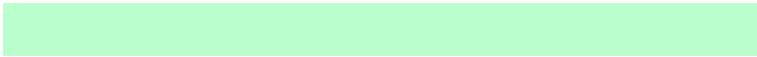
128, 128, 128

Same Dimension

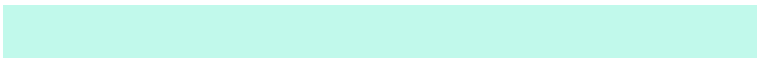
The Same Dimension uses a secret algorithm to generate beautiful new colors.



193, 237, 249



186, 240, 255



193, 225, 249



112, 122, 125



0, 149, 189



0, 48, 61

Inverse Universe

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



249, 193, 234



255, 186, 236



249, 193, 206



125, 112, 122



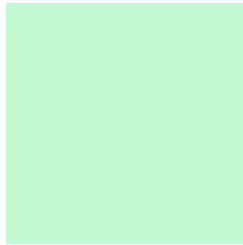
189, 0, 137



61, 0, 45

Previews

White Background



This preview shows how the RYB color 193, 237, 249 looks on a white background.

Color Contrast Check

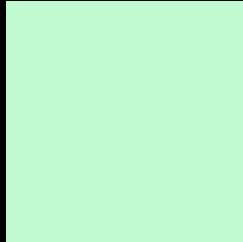
Large Text (above 18pt) WCAG AA × Fail

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, 237, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

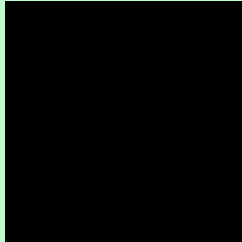
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

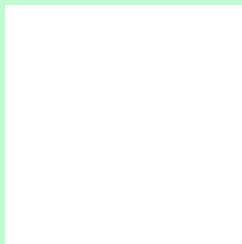
Any Text WCAG AAA ✓ Pass

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

RYB 193, 237, 249 Background



This preview shows how black text looks on a background with the RYB color 193, 237, 249.



This preview shows how white text looks on a background with the RYB color 193, 237, 249.

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

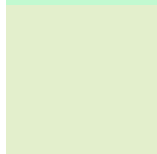
211, 228, 255

Trichromacy



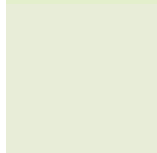
Original Color

193, 237, 249



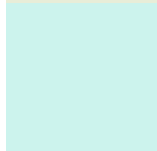
Protanomaly

204, 239, 216



Deuteranomaly

216, 237, 221



Tritanomaly

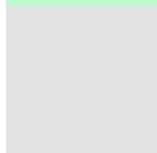
204, 225, 243

Monochromacy



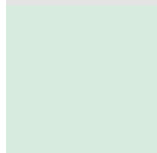
Original Color

193, 237, 249



Achromatopsia

228, 228, 228



Achromatomaly

215, 231, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 237, 249 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(193, 249, 208)` looks like.

```
.text, #text, p{  
    color:rgb(193, 249, 208)  
}
```

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(193, 249, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 249, 208) }
```

Border

The CSS property to change the border of an element to RYB 193, 237, 249 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(193, 249, 208) }
```

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

```
.border{ border-color:rgb(193, 249, 208) }
```

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

Here you see how a box with a 4 pixel rgb(193, 249, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 249, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 249, 208);  
box-shadow:4px 4px 4px 4px rgb(193, 249,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 193, 237, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 249, 208) }
```

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

```
.background{ background-color: rgb(193,  
249, 208) }
```

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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