

Converting Colors

`RYB(191, 234, 253)`

Have a look what the booklet for
RYB(191, 234, 253) contains.

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Color

R_YB(191, 234, 253)

Conversions

Conversions Part 1

Format	Color
Hex	BFFDDA
RGB	191, 253, 218
RGB Percent	75%, 99%, 85%
CMY	0.2510, 0.0078, 0.1435
CMYK	0.25, 0.00, 0.14, 0.01
HSL	147°, 94%, 87%
HSV	147°, 25%, 99%
XYZ	69.3178, 86.4096, 79.6265
YIQ	230.4720, -25.7170, -24.0290

Conversions

Conversions Part 2

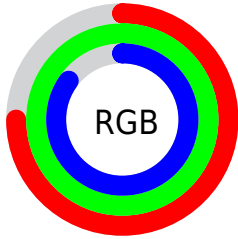
Format	Color
RYB	191, 234, 253
Decimal	12582362
CIELab	94.49, -26.18, 10.31
CIElCh	94, 28.132, 158.510
Yxy	86.4096, 0.2945, 0.3671
Android (android.graphics.Color)	4290772442 (0xFFBFFDDA)
YUV	230.4720, -6.1487, -34.6169
Hunter-Lab	92.9568, -29.5669, 14.2821

Details

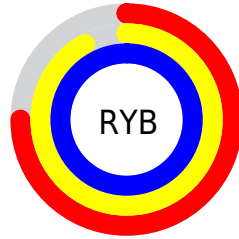
The RYB color **191, 234, 253** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **253, 191, 226**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **248, 252, 255**, and **136, 177, 196** is the 20% darker color. If you saturate the color by 10%, you get **166, 227, 253**, and if you desaturate by 10%, it is **216, 241, 253**.

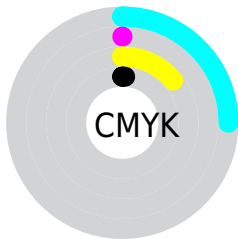
Distribution



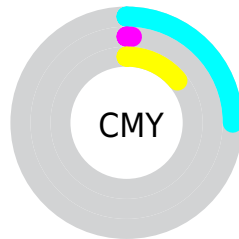
- Red (75%)
- Green (99%)
- Blue (85%)



- Red (75%)
- Yellow (92%)
- Blue (99%)



- Cyan (25%)
- Magenta (0%)
- Yellow (14%)
- Black (1%)



- Cyan (25%)
- Magenta (1%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 191, 234, 253 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, 234, 253 by changing the saturation by 10% instead.


 191, 234, 253

255, 255, 255


 248, 252, 255

 191, 234, 253


 163, 205, 224

 136, 177, 196

 110, 150, 169

 84, 123, 142

 59, 97, 116

 33, 71, 91

 3, 43, 67

 0, 31, 45

 0, 24, 24

■ 191, 234, 253

■ 191, 234, 253

■ 166, 227, 253

■ 216, 241, 253

■ 140, 218, 253

■ 242, 250, 253

■ 115, 211, 253

■ 255, 253, 255

■ 90, 203, 253

■ 65, 195, 253

■ 39, 187, 253

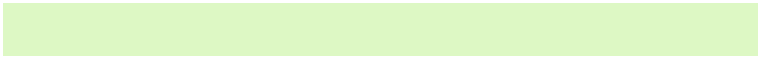
■ 14, 180, 253

■ 0, 175, 253

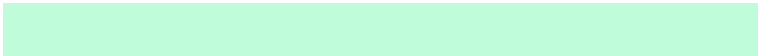
Harmonies

Analogous

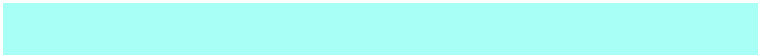
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



196, 248, 223



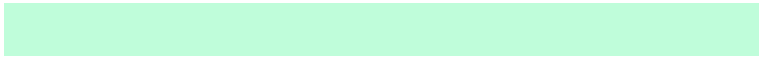
191, 234, 253



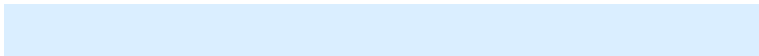
168, 214, 255

Triad

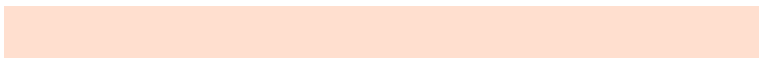
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



191, 234, 253



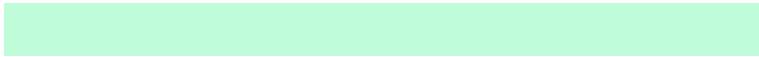
218, 231, 255



255, 231, 207

Complementary

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



191, 234, 253



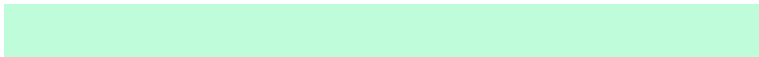
253, 191, 226

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, 220, 232



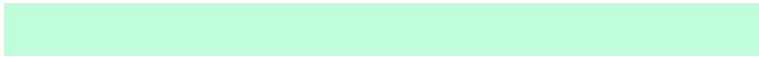
191, 234, 253



253, 230, 255

Square

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



191, 234, 253



183, 217, 255



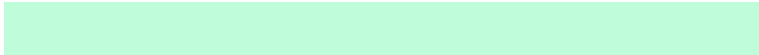
255, 222, 255



227, 255, 189

Rectangle

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



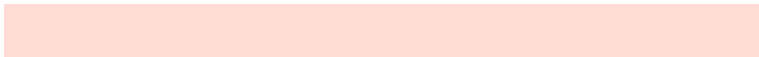
191, 234, 253



163, 209, 255



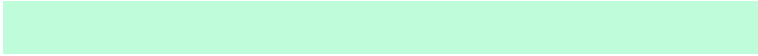
255, 222, 255



255, 222, 214

Sweetspot

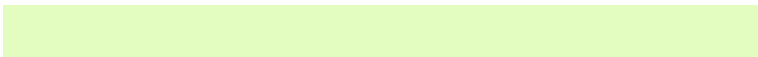
The Sweet Spot groups the original color and five complimentary colors.



191, 234, 253



237, 249, 255



191, 253, 218



117, 125, 128



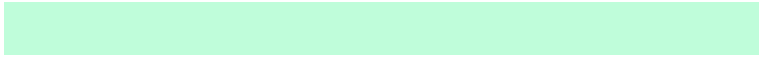
0, 0, 0



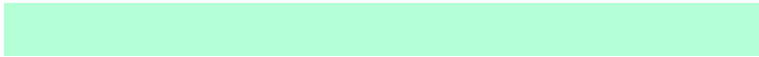
128, 128, 128

Same Dimension

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



191, 234, 253



181, 232, 255



191, 223, 253



115, 124, 128



0, 132, 191



0, 45, 64

Inverse Universe

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



253, 191, 226



255, 181, 222



253, 191, 195



128, 115, 122



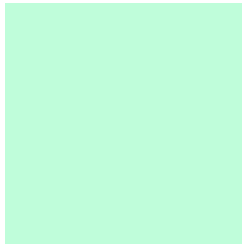
191, 0, 107



64, 0, 36

Previews

White Background



This preview shows how the RYB color 191, 234, 253 looks on a white background.

Color Contrast Check

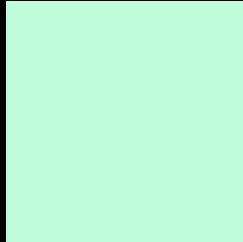
Large Text (above 18pt) WCAG AA × Fail

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, 234, 253 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, 234, 253 Background



This preview shows how black text looks on a background with the RYB color 191, 234, 253.



This preview shows how white text looks on a background with the RYB color 191, 234, 253.

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

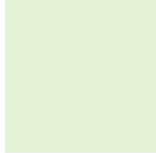
217, 232, 255

Trichromacy



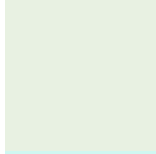
Original Color

191, 234, 253



Protanomaly

213, 243, 228



Deuteranomaly

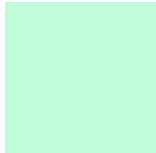
226, 241, 235



Tritanomaly

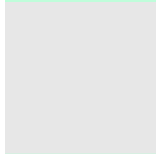
208, 229, 247

Monochromacy



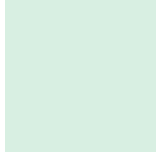
Original Color

191, 234, 253



Achromatopsia

231, 231, 231



Achromatomaly

216, 232, 239

CSS Examples

Text

The CSS property to change the color of the text to RYB 191, 234, 253 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(191, 253, 218)` looks like.

```
.text, #text, p{  
    color:rgb(191, 253, 218)  
}
```

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(191, 253, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 253, 218) }
```

Border

The CSS property to change the border of an element to RYB 191, 234, 253 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(191, 253, 218) }
```

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

```
.border{ border-color:rgb(191, 253, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 253, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 253, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 253, 218);  
box-shadow:4px 4px 4px 4px rgb(191, 253,  
218) }
```

Background

The CSS property to change the background color of an element to RYB 191, 234, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 253, 218) }
```

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

```
.background{ background-color: rgb(191,  
253, 218) }
```

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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