

Converting Colors

`RYB(190, 211, 252)`

Have a look what the booklet for
RYB(190, 211, 252) contains.

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Color

R_YB(190, 211, 252)

Conversions

Conversions Part 1

Format	Color
Hex	BEDEFB
RGB	190, 222, 252
RGB Percent	75%, 87%, 99%
CMY	0.2549, 0.1304, 0.0118
CMYK	0.25, 0.12, 0.00, 0.01
HSL	209°, 91%, 87%
HSV	209°, 25%, 99%
XYZ	64.8624, 70.0885, 102.2053
YIQ	215.8520, -28.7020, 2.5460

Conversions

Conversions Part 2

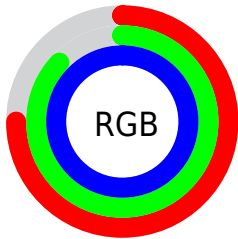
Format	Color
RYB	190, 211, 252
Decimal	12508924
CIELab	87.04, -3.93, -18.17
CIELCh	87, 18.590, 257.783
Yxy	70.0885, 0.2735, 0.2955
Android (android.graphics.Color)	4290699004 (0xFFBEDEFC)
YUV	215.8520, 17.8210, -22.6722
Hunter-Lab	83.7189, -8.2125, -13.7789

Details

The RYB color **190, 211, 252** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **252, 248, 190**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **247, 251, 255**, and **135, 156, 195** is the 20% darker color. If you saturate the color by 10%, you get **165, 194, 252**, and if you desaturate by 10%, it is **215, 228, 252**.

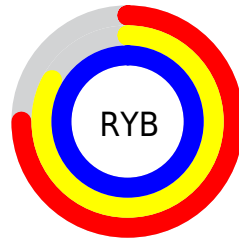
Distribution



Red (75%)

Green (87%)

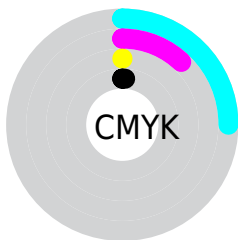
Blue (99%)



Red (75%)

Yellow (83%)

Blue (99%)

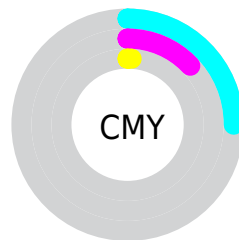


Cyan (25%)

Magenta (12%)

Yellow (0%)

Black (1%)



Cyan (25%)

Magenta (13%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the RYB color 190, 211, 252 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 190, 211, 252 by changing the saturation by 10% instead.

 190, 211, 252

255, 255, 255


 247, 251, 255

 190, 211, 252

 162, 183, 223

 135, 156, 195

 109, 129, 168

 84, 104, 142

 59, 79, 116

 33, 54, 91

 4, 29, 68

 0, 16, 45

 0, 1, 25

■ 190, 211, 252

■ 190, 211, 252

■ 165, 194, 252

■ 215, 228, 252

■ 140, 178, 252

■ 240, 244, 252

■ 114, 161, 252

252, 255, 252

■ 89, 144, 252

■ 64, 128, 252

■ 39, 111, 252

■ 14, 95, 252

■ 0, 85, 252

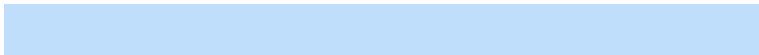
Harmonies

Analogous

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



175, 204, 243



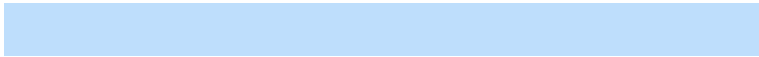
190, 211, 252



212, 216, 251

Triad

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



190, 211, 252



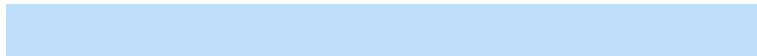
255, 206, 208



194, 225, 218

Complementary

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



190, 211, 252



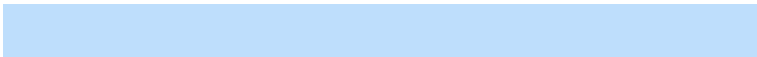
252, 248, 190

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.



185, 221, 184



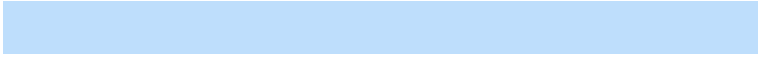
190, 211, 252



252, 215, 193

Square

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



190, 211, 252



249, 207, 226



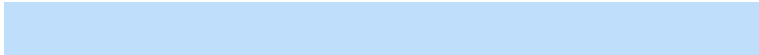
230, 239, 184



183, 211, 228

Rectangle

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



190, 211, 252



227, 212, 246



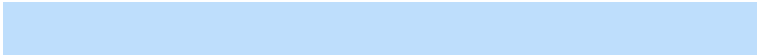
230, 239, 184



190, 224, 207

Sweetspot

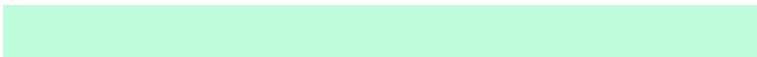
The Sweet Spot groups the original color and five complimentary colors.



190, 211, 252



237, 243, 255



190, 232, 252



117, 121, 128



0, 0, 0



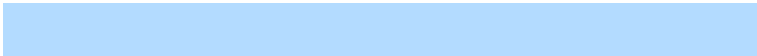
128, 128, 128

Same Dimension

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



190, 211, 252



179, 205, 255



190, 191, 252



112, 117, 125



0, 64, 189



0, 21, 61

Inverse Universe

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



252, 190, 222



255, 179, 218



191, 252, 190



125, 112, 119



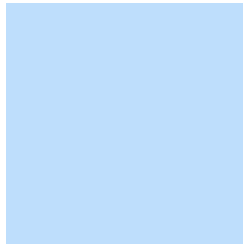
189, 0, 97



61, 0, 31

Previews

White Background



This preview shows how the RYB color 190, 211, 252 looks on a white background.

Color Contrast Check

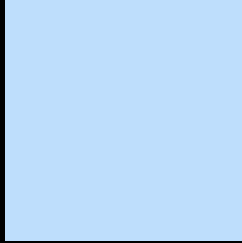
Large Text (above 18pt) WCAG AA × Fail

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 190, 211, 252 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

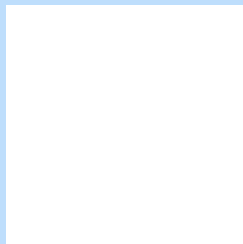
Any Text WCAG AAA ✓ Pass

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

RYB 190, 211, 252 Background



This preview shows how black text looks on a background with the RYB color 190, 211, 252.

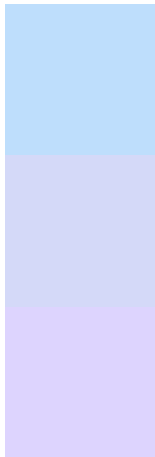


This preview shows how white text looks on a background with the RYB color 190, 211, 252.

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



Original Color
190, 211, 252

Protanopia
212, 216, 248

Deuteranopia
221, 212, 254



Tritanopia
188, 209, 241

Trichromacy



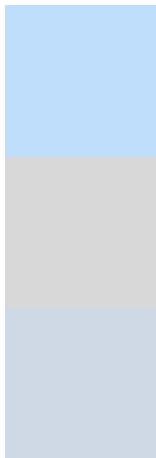
Original Color
190, 211, 252

Protanomaly
204, 215, 249

Deuteranomaly
210, 215, 253

Tritanomaly
189, 210, 245

Monochromacy



Original Color
190, 211, 252

Achromatopsia
216, 216, 216

Achromatomaly
207, 214, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 211, 252 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(190, 222, 252)` looks like.

```
.text, #text, p{  
    color:rgb(190, 222, 252)  
}
```

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(190, 222, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 222, 252) }
```

Border

The CSS property to change the border of an element to RYB 190, 211, 252 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(190, 222, 252) }
```

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

```
.border{ border-color:rgb(190, 222, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 222, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 222, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 222, 252);  
box-shadow:4px 4px 4px 4px rgb(190, 222,  
252) }
```

Background

The CSS property to change the background color of an element to RYB 190, 211, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 222, 252) }
```

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

```
.background{ background-color: rgb(190,  
222, 252) }
```

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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