

Converting Colors

`RYB(190, 214, 237)`

Have a look what the booklet for
RYB(190, 214, 237) contains.

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Color

R_YB(190, 214, 237)

Conversions

Conversions Part 1

Format	Color
Hex	BEEDEB
RGB	190, 237, 235
RGB Percent	75%, 93%, 92%
CMY	0.2549, 0.0706, 0.0783
CMYK	0.20, 0.00, 0.01, 0.07
HSL	177°, 57%, 84%
HSV	177°, 20%, 93%
XYZ	66.5208, 77.5161, 90.0849
YIQ	222.7190, -27.3700, -10.5860

Conversions

Conversions Part 2

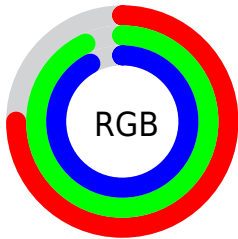
Format	Color
RYB	190, 214, 237
Decimal	12512747
CIELab	90.56, -15.38, -4.03
CIELCh	91, 15.900, 194.699
Yxy	77.5161, 0.2841, 0.3311
Android (android.graphics.Color)	4290702827 (0xFFBEEDEB)
YUV	222.7190, 6.0545, -28.6946
Hunter-Lab	88.0432, -19.2105, 0.9653

Details

The RYB color **190, 214, 237** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **237, 190, 192**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **247, 251, 255**, and **136, 159, 181** is the 20% darker color. If you saturate the color by 10%, you get **166, 202, 237**, and if you desaturate by 10%, it is **214, 226, 237**.

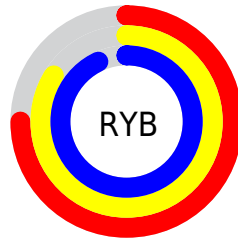
Distribution



Red (75%)

Green (93%)

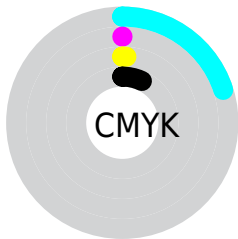
Blue (92%)



Red (75%)

Yellow (84%)

Blue (93%)

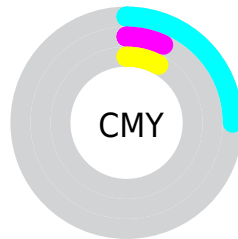


Cyan (20%)

Magenta (0%)

Yellow (1%)

Black (7%)



Cyan (25%)

Magenta (7%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 214, 237 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, 214, 237 by changing the saturation by 10% instead.

■ 190, 214, 237

255, 255, 255

■ 247, 251, 255

■ 190, 214, 237

■ 162, 186, 209

■ 136, 159, 181

■ 110, 132, 154

■ 84, 106, 128

■ 59, 81, 103

■ 35, 57, 79

■ 7, 32, 56

■ 0, 17, 34

■ 0, 3, 12

190, 214, 237

190, 214, 237

166, 202, 237

214, 226, 237

143, 191, 237

237, 237, 237

119, 179, 237

255, 237, 238

95, 168, 237

255, 237, 239

71, 156, 237

255, 237, 240

48, 145, 237

255, 237, 241

24, 133, 237

255, 237, 242

0, 121, 237

255, 237, 243

255, 237, 244

Harmonies

Analogous

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



199, 223, 236



190, 214, 237



191, 216, 249

Triad

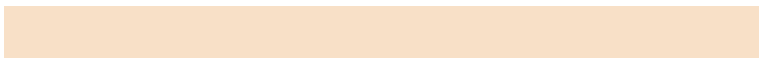
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



190, 214, 237



240, 222, 250



246, 248, 199

Complementary

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



190, 214, 237



237, 190, 192

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, 225, 207



190, 214, 237



254, 218, 236

Square

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



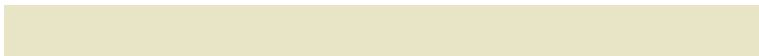
190, 214, 237



221, 226, 255



255, 218, 221



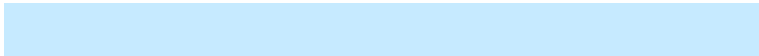
202, 232, 199

Rectangle

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



190, 214, 237



198, 220, 255



255, 218, 221



252, 240, 201

Sweetspot

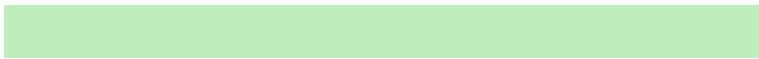
The Sweet Spot groups the original color and five complimentary colors.



190, 214, 237



240, 248, 255



190, 237, 235



119, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



190, 214, 237



194, 225, 255



190, 207, 237



106, 112, 117



0, 92, 181



0, 28, 54

Inverse Universe

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



237, 190, 192



255, 194, 196



237, 228, 190



117, 106, 106



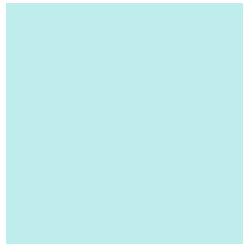
181, 0, 8



54, 0, 2

Previews

White Background



This preview shows how the RYB color 190, 214, 237 looks on a white background.

Color Contrast Check

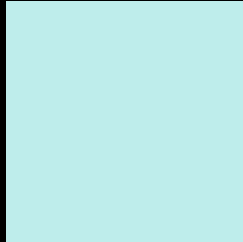
Large Text (above 18pt) WCAG AA × Fail

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, 214, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

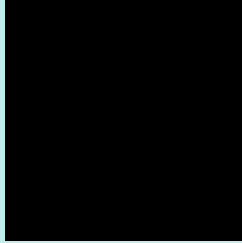
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

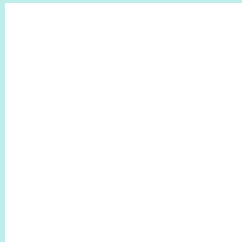
Any Text WCAG AAA ✓ Pass

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

RYB 190, 214, 237 Background



This preview shows how black text looks on a background with the RYB color 190, 214, 237.



This preview shows how white text looks on a background with the RYB color 190, 214, 237.

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](#).

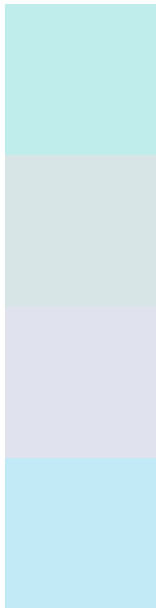
Dichromacy





Tritanopia
194, 218, 253

Trichromacy



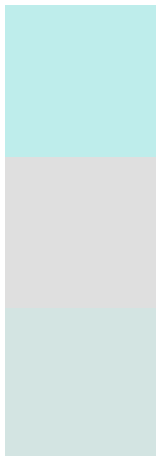
Original Color
190, 214, 237

Protanomaly
216, 223, 231

Deuteranomaly
224, 226, 237

Tritanomaly
193, 216, 246

Monochromacy



Original Color
190, 214, 237

Achromatopsia
223, 223, 223

Achromatomaly
211, 220, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 214, 237 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, 237, 235)` looks like.

```
.text, #text, p{  
    color:rgb(190, 237, 235)  
}
```

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, 237, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 237, 235) }
```

Border

The CSS property to change the border of an element to RYB 190, 214, 237 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, 237, 235) }
```

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

```
.border{ border-color:rgb(190, 237, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 237, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 237, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 237, 235);  
box-shadow:4px 4px 4px 4px rgb(190, 237,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 190, 214, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 237, 235) }
```

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

```
.background{ background-color: rgb(190,  
237, 235) }
```

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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