

Converting Colors

`RYB(184, 210, 234)`

Have a look what the booklet for RYB(184, 210, 234) contains.

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Color

$\text{RYB}(184, 210, 234)$

Conversions

Conversions Part 1

Format	Color
Hex	B8EAE6
RGB	184, 234, 230
RGB Percent	72%, 92%, 90%
CMY	0.2784, 0.0824, 0.0974
CMYK	0.21, 0.00, 0.02, 0.08
HSL	175°, 54%, 82%
HSV	175°, 21%, 92%
XYZ	63.4945, 74.7578, 86.0594
YIQ	218.5940, -28.5160, -11.8440

Conversions

Conversions Part 2

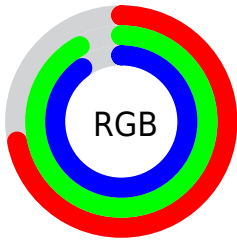
Format	Color
RYB	184, 210, 234
Decimal	12118758
CIELab	89.28, -16.70, -3.40
CIElCh	89, 17.045, 191.508
Yxy	74.7578, 0.2831, 0.3333
Android (android.graphics.Color)	4290308838 (0xFFB8EAE6)
YUV	218.5940, 5.6232, -30.3389
Hunter-Lab	86.4626, -20.2266, 1.5103

Details

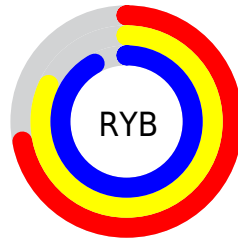
The RYB color **184, 210, 234** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **234, 184, 188**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **241, 248, 255**, and **130, 155, 178** is the 20% darker color. If you saturate the color by 10%, you get **161, 199, 234**, and if you desaturate by 10%, it is **207, 221, 234**.

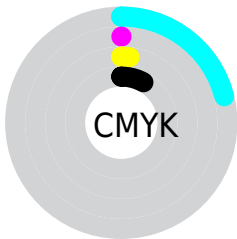
Distribution



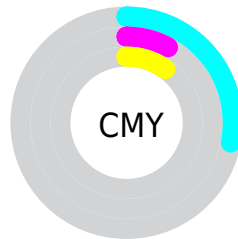
- Red (72%)
- Green (92%)
- Blue (90%)



- Red (72%)
- Yellow (82%)
- Blue (92%)



- Cyan (21%)
- Magenta (0%)
- Yellow (2%)
- Black (8%)



- Cyan (28%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 210, 234 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 184, 210, 234 by changing the saturation by 10% instead.

■ 184, 210, 234

255, 255, 255

■ 241, 248, 255

■ 184, 210, 234

■ 157, 183, 206

■ 130, 155, 178

■ 104, 128, 151

■ 78, 102, 125

■ 54, 78, 100

■ 29, 53, 76


■ 0, 27, 53

■ 0, 17, 32


■ 0, 0, 5

 184, 210, 234


 184, 210, 234

 161, 199, 234


 207, 221, 234

 137, 187, 234


 231, 233, 234

 114, 176, 234


 254, 234, 236

 90, 165, 234


 255, 234, 237

 67, 154, 234

 255, 234, 239

 44, 143, 234

 255, 234, 241

 20, 131, 234

 255, 234, 243

 0, 122, 234

 255, 234, 245

 255, 234, 246

Harmonies

Analogous

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



195, 221, 233



184, 210, 234



184, 211, 245

Triad

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



184, 210, 234



235, 218, 249



247, 245, 194

Complementary

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



184, 210, 234



234, 184, 188

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, 219, 203



184, 210, 234



251, 214, 235

Square

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



184, 210, 234



215, 222, 255



255, 213, 218



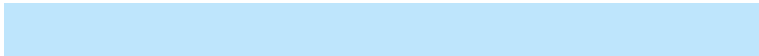
200, 231, 193

Rectangle

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



184, 210, 234



190, 214, 252



255, 213, 218



251, 233, 196

Sweetspot

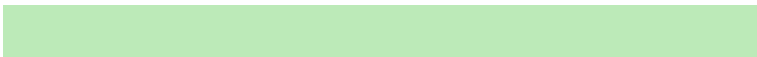
The Sweet Spot groups the original color and five complimentary colors.



184, 210, 234



240, 248, 255



184, 234, 230



119, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



184, 210, 234



189, 223, 255



184, 202, 234



106, 112, 117



0, 94, 181



0, 28, 54

Inverse Universe

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



234, 184, 188



255, 189, 194



234, 220, 184



117, 106, 106



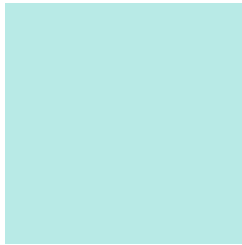
181, 0, 14



54, 0, 4

Previews

White Background



This preview shows how the RYB color 184, 210, 234 looks on a white background.

Color Contrast Check

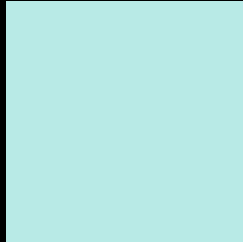
Large Text (above 18pt) WCAG AA × Fail

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 184, 210, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

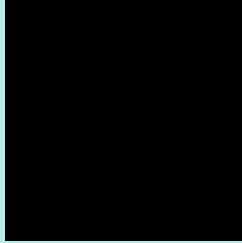
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

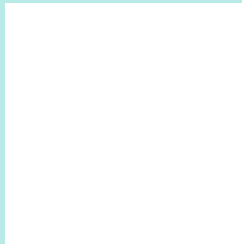
Any Text WCAG AAA ✓ Pass

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

RYB 184, 210, 234 Background



This preview shows how black text looks on a background with the RYB color 184, 210, 234.




This preview shows how white text looks on a background with the RYB color 184, 210, 234.

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](#).

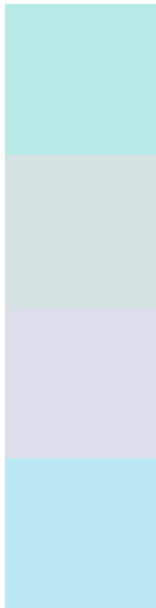
Dichromacy





Tritanopia
188, 213, 250

Trichromacy



Original Color
184, 210, 234

Protanomaly
212, 220, 227

Deuteranomaly
220, 222, 233

Tritanomaly
187, 212, 243

Monochromacy



Original Color
184, 210, 234

Achromatopsia
219, 219, 219

Achromatomaly
206, 215, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 210, 234 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(184, 234, 230)` looks like.

```
.text, #text, p{  
    color:rgb(184, 234, 230)  
}
```

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(184, 234, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 234, 230) }
```

Border

The CSS property to change the border of an element to RYB 184, 210, 234 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(184, 234, 230) }
```

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

```
.border{ border-color:rgb(184, 234, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 234, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 234, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 234, 230);  
box-shadow:4px 4px 4px 4px rgb(184, 234,  
230) }
```

Background

The CSS property to change the background color of an element to RYB 184, 210, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 234, 230) }
```

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

```
.background{ background-color: rgb(184,  
234, 230) }
```

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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