

Converting Colors

`RYB(186, 211, 234)`

Have a look what the booklet for
RYB(186, 211, 234) contains.

RYB(186, 211, 234)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(186, 211, 234)

Conversions

Conversions Part 1

Format	Color
Hex	BAEAE6
RGB	186, 234, 230
RGB Percent	73%, 92%, 90%
CMY	0.2706, 0.0824, 0.0974
CMYK	0.21, 0.00, 0.02, 0.08
HSL	175°, 53%, 82%
HSV	175°, 21%, 92%
XYZ	63.9779, 75.0069, 86.0866
YIQ	219.1920, -27.3240, -11.4200

Conversions

Conversions Part 2

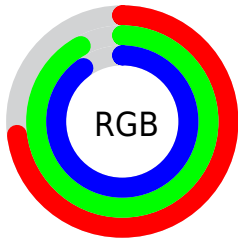
Format	Color
R_{YB}	186, 211, 234
Decimal	12249830
CIE _{Lab}	89.40, -16.10, -3.22
CIE _{LCh}	89, 16.418, 191.305
Yxy	75.0069, 0.2843, 0.3333
Android (android.graphics.Color)	4290439910 (0xFFBAEAE6)
YUV	219.1920, 5.3283, -29.1094
Hunter-Lab	86.6065, -19.7000, 1.6905

Details

The RYB color **186, 211, 234** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **234, 186, 190**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **243, 249, 255**, and **132, 156, 178** is the 20% darker color. If you saturate the color by 10%, you get **163, 200, 234**, and if you desaturate by 10%, it is **209, 222, 234**.

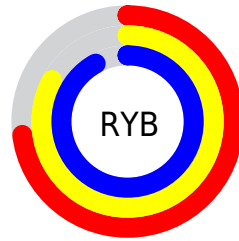
Distribution



Red (73%)

Green (92%)

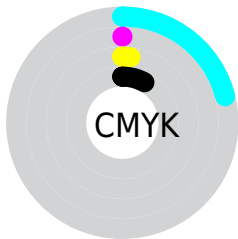
Blue (90%)



Red (73%)

Yellow (83%)

Blue (92%)

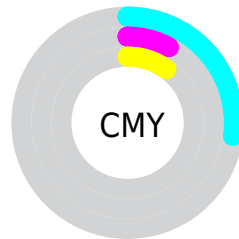


Cyan (21%)

Magenta (0%)

Yellow (2%)

Black (8%)



Cyan (27%)

Magenta (8%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 211, 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 186, 211, 234 by changing the saturation by 10% instead.

■ 186, 211, 234

255, 255, 255

■ 243, 249, 255

■ 186, 211, 234

■ 159, 184, 206

■ 132, 156, 178

■ 106, 129, 151

■ 81, 104, 125

■ 56, 79, 100

■ 31, 54, 76

■ 3, 29, 53

■ 0, 17, 32

■ 0, 0, 5

 186, 211, 234

 186, 211, 234

 163, 200, 234


 209, 222, 234

 139, 189, 234


 233, 234, 234

 116, 177, 234


 255, 234, 236

 92, 166, 234


 255, 234, 238

 69, 155, 234

 255, 234, 240

 46, 144, 234

 255, 234, 241

 22, 132, 234

 255, 234, 243

 0, 122, 234

 255, 234, 245

 255, 234, 247

Harmonies

Analogous

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



197, 221, 233



186, 211, 234



186, 212, 245

Triad

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



186, 211, 234



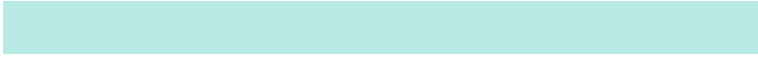
235, 219, 248



247, 243, 195

Complementary

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



186, 211, 234



234, 186, 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.



255, 219, 205



186, 211, 234



250, 215, 235

Square

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



186, 211, 234



215, 222, 255



255, 214, 219



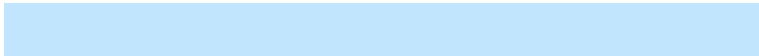
201, 231, 194

Rectangle

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



186, 211, 234



192, 215, 252



255, 214, 219



251, 233, 198

Sweetspot

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



186, 211, 234



240, 248, 255



186, 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.



186, 211, 234



191, 224, 255



186, 204, 234



106, 112, 117



0, 94, 181



0, 28, 54

Inverse Universe

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



234, 186, 190



255, 191, 196



234, 220, 186



117, 106, 107



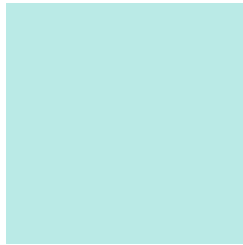
181, 0, 14



54, 0, 4

Previews

White Background



This preview shows how the RYB color 186, 211, 234 looks on a white background.

Color Contrast Check

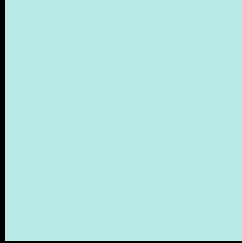
Large Text (above 18pt) WCAG AA × Fail

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 186, 211, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

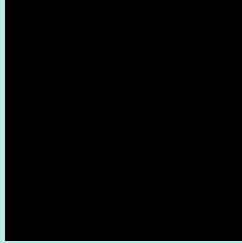
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

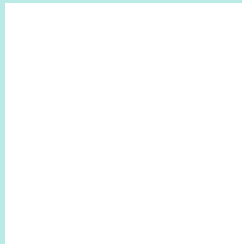
Any Text WCAG AAA ✓ Pass

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

RYB 186, 211, 234 Background



This preview shows how black text looks on a background with the RYB color 186, 211, 234.

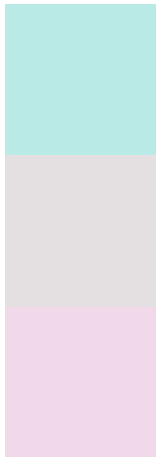


This preview shows how white text looks on a background with the RYB color 186, 211, 234.

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



Original Color
186, 211, 234

Protanopia
228, 223, 224

Deuteranopia
241, 217, 234



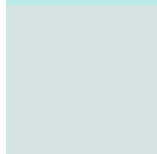
Tritanopia
190, 214, 249

Trichromacy



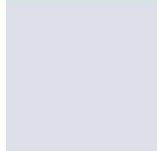
Original Color

186, 211, 234



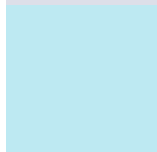
Protanomaly

213, 220, 227



Deuteranomaly

221, 223, 233



Tritanomaly

189, 213, 242

Monochromacy



Original Color

186, 211, 234



Achromatopsia

219, 219, 219



Achromatomaly

207, 216, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 211, 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(186, 234, 230)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 234, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 234, 230) }
```

Border

The CSS property to change the border of an element to RYB 186, 211, 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(186, 234, 230) }
```

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

```
.border{ border-color:rgb(186, 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(186, 234, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 234, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 234, 230);  
box-shadow:4px 4px 4px 4px rgb(186, 234,  
230) }
```

Background

The CSS property to change the background color of an element to RYB 186, 211, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 234, 230) }
```

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

```
.background{ background-color: rgb(186,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor