

Converting Colors

`RYB(186, 239, 247)`

Have a look what the booklet for
RYB(186, 239, 247) contains.

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Color

R_YB(186, 239, 247)

Conversions

Conversions Part 1

Format	Color
Hex	BAF7C3
RGB	186, 247, 195
RGB Percent	73%, 97%, 76%
CMY	0.2706, 0.0314, 0.2345
CMYK	0.25, 0.00, 0.21, 0.03
HSL	129°, 79%, 85%
HSV	129°, 25%, 97%
XYZ	63.3843, 80.9102, 64.0294
YIQ	222.8330, -19.6640, -29.1040

Conversions

Conversions Part 2

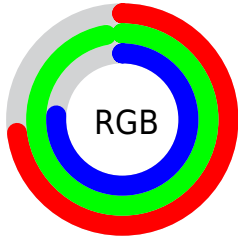
Format	Color
RYB	186, 239, 247
Decimal	12253123
CIELab	92.09, -29.08, 18.81
CIElCh	92, 34.628, 147.108
Yxy	80.9102, 0.3043, 0.3884
Android (android.graphics.Color)	4290443203 (0xFFBAF7C3)
YUV	222.8330, -13.7217, -32.3025
Hunter-Lab	89.9501, -31.6307, 20.7605

Details

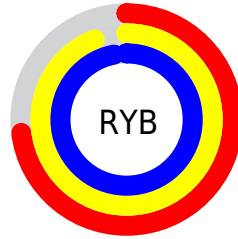
The RYB color **186, 239, 247** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **247, 186, 238**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **243, 250, 255**, and **132, 182, 190** is the 20% darker color. If you saturate the color by 10%, you get **161, 236, 247**, and if you desaturate by 10%, it is **211, 243, 247**.

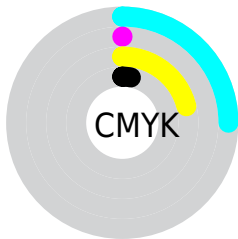
Distribution



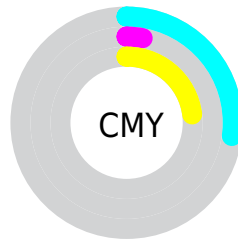
- Red (73%)
- Green (97%)
- Blue (76%)



- Red (73%)
- Yellow (94%)
- Blue (97%)



- Cyan (25%)
- Magenta (0%)
- Yellow (21%)
- Black (3%)



- Cyan (27%)
- Magenta (3%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 186, 239, 247 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, 239, 247 by changing the saturation by 10% instead.

 186, 239, 247

255, 255, 255


 243, 250, 255


 186, 239, 247


 158, 209, 218

 132, 182, 190

 105, 154, 163

 80, 128, 137

 54, 100, 111

 29, 74, 86

 0, 45, 62


 0, 40, 40

 0, 14, 14

 186, 239, 247

 186, 239, 247

 161, 236, 247

 211, 243, 247

 137, 233, 247

 235, 245, 247

 112, 230, 247


 255, 247, 255

 87, 226, 247

 63, 223, 247

 38, 220, 247

 13, 217, 247

 0, 215, 247

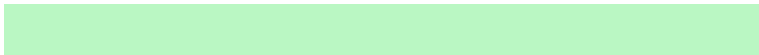
Harmonies

Analogous

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



172, 239, 187



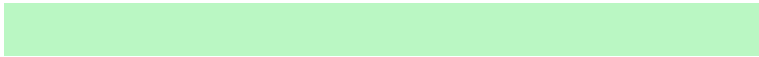
186, 239, 247



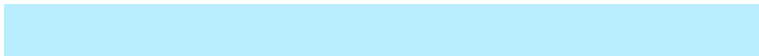
150, 207, 251

Triad

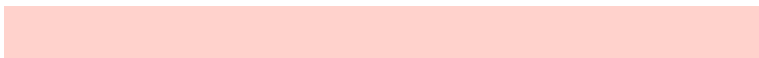
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



186, 239, 247



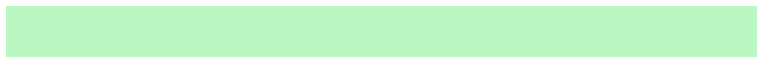
186, 215, 255



255, 211, 204

Complementary

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



186, 239, 247



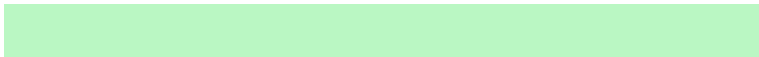
247, 186, 238

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, 208, 237



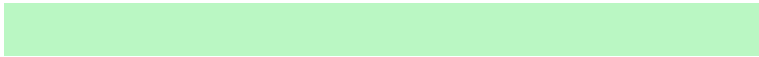
186, 239, 247



233, 225, 255

Square

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



186, 239, 247



144, 197, 255



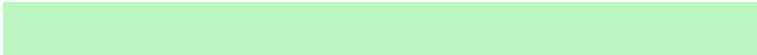
255, 214, 255



249, 255, 178

Rectangle

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



186, 239, 247



134, 193, 251



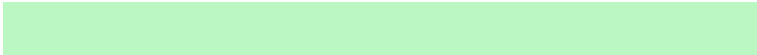
255, 214, 255



255, 208, 214

Sweetspot

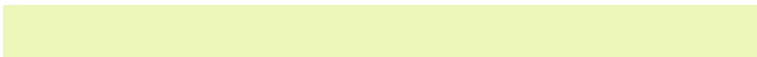
The Sweet Spot groups the original color and five complimentary colors.



186, 239, 247



237, 252, 255



186, 247, 195



117, 126, 128



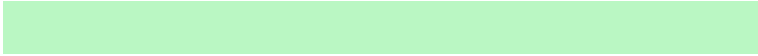
0, 0, 0



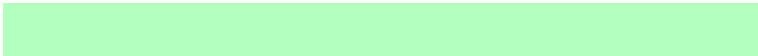
128, 128, 128

Same Dimension

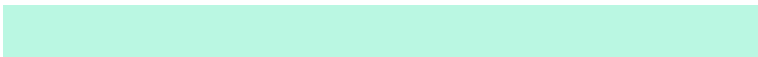
The Same Dimension uses a secret algorithm to generate beautiful new colors.



186, 239, 247



179, 245, 255



186, 223, 247



110, 120, 122



0, 162, 186



0, 51, 59

Inverse Universe

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



247, 186, 238



255, 179, 243



247, 186, 207



122, 110, 121



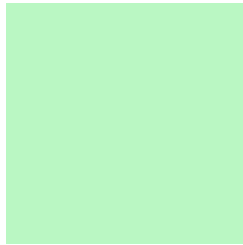
186, 0, 158



59, 0, 50

Previews

White Background



This preview shows how the RYB color 186, 239, 247 looks on a white background.

Color Contrast Check

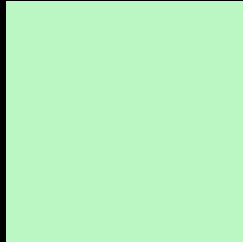
Large Text (above 18pt) WCAG AA × Fail

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, 239, 247 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, 239, 247 Background



This preview shows how black text looks on a background with the RYB color 186, 239, 247.



This preview shows how white text looks on a background with the RYB color 186, 239, 247.

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





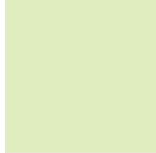
Tritanopia
201, 223, 255

Trichromacy



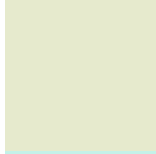
Original Color

186, 239, 247



Protanomaly

191, 237, 204



Deuteranomaly

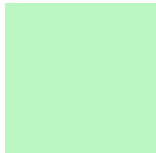
205, 234, 209



Tritanomaly

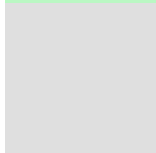
196, 221, 241

Monochromacy



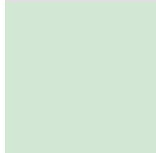
Original Color

186, 239, 247



Achromatopsia

223, 223, 223



Achromatomaly

210, 229, 232

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 239, 247 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, 247, 195)` looks like.

```
.text, #text, p{  
    color:rgb(186, 247, 195)  
}
```

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, 247, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 247, 195) }
```

Border

The CSS property to change the border of an element to RYB 186, 239, 247 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, 247, 195) }
```

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

```
.border{ border-color:rgb(186, 247, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 247, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 247, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 247, 195);  
box-shadow:4px 4px 4px 4px rgb(186, 247,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 186, 239, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 247, 195) }
```

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

```
.background{ background-color: rgb(186,  
247, 195) }
```

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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