

Converting Colors

`RYB(187, 211, 239)`

Have a look what the booklet for
RYB(187, 211, 239) contains.

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Color

R_YB(187, 211, 239)

Conversions

Conversions Part 1

Format	Color
Hex	BBE8EF
RGB	187, 232, 239
RGB Percent	73%, 91%, 94%
CMY	0.2667, 0.0919, 0.0627
CMYK	0.22, 0.03, 0.00, 0.06
HSL	189°, 62%, 84%
HSV	189°, 22%, 94%
XYZ	64.8096, 74.2690, 92.5809
YIQ	219.3430, -29.0670, -7.3630

Conversions

Conversions Part 2

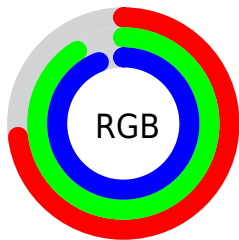
Format	Color
RYB	187, 211, 239
Decimal	12314863
CIELab	89.05, -12.71, -8.35
CIElCh	89, 15.213, 213.309
Yxy	74.2690, 0.2798, 0.3206
Android (android.graphics.Color)	4290504943 (0xFFBBE8EF)
YUV	219.3430, 9.6909, -28.3648
Hunter-Lab	86.1795, -16.5766, -3.3684

Details

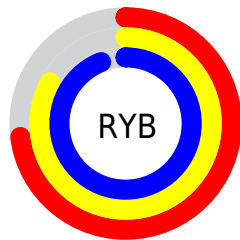
The RYB color **187, 211, 239** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **239, 195, 187**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **244, 250, 255**, and **133, 156, 183** is the 20% darker color. If you saturate the color by 10%, you get **163, 198, 239**, and if you desaturate by 10%, it is **211, 224, 239**.

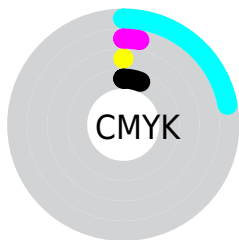
Distribution



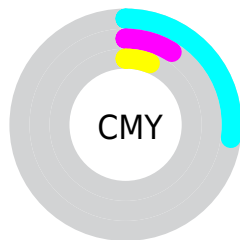
- Red (73%)
- Green (91%)
- Blue (94%)



- Red (73%)
- Yellow (83%)
- Blue (94%)



- Cyan (22%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)



- Cyan (27%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 187, 211, 239 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 187, 211, 239 by changing the saturation by 10% instead.

■ 187, 211, 239

255, 255, 255

■ 244, 250, 255

■ 187, 211, 239

■ 160, 183, 211

■ 133, 156, 183

■ 107, 130, 156

■ 81, 104, 130

■ 56, 79, 105

■ 31, 54, 81


■ 3, 29, 58


■ 0, 17, 36


■ 0, 1, 15

 187, 211, 239

 187, 211, 239

 163, 198, 239


 211, 224, 239

 139, 185, 239


 235, 237, 239

 115, 172, 239


 255, 243, 239

 91, 159, 239


 255, 249, 239

 67, 146, 239

 249, 255, 239

 44, 134, 239

 243, 255, 239

 20, 121, 239

 239, 255, 239

 0, 110, 239

Harmonies

Analogous

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



190, 213, 232



187, 211, 239



195, 216, 249

Triad

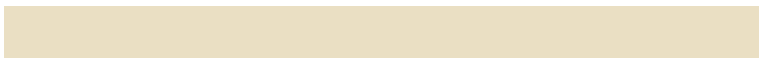
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



187, 211, 239



244, 216, 237



210, 234, 195

Complementary

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



187, 211, 239



239, 195, 187

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.



247, 232, 198



187, 211, 239



253, 214, 223

Square

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



187, 211, 239



229, 219, 248



254, 216, 208



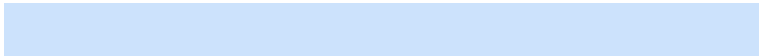
199, 228, 210

Rectangle

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



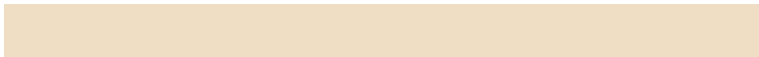
187, 211, 239



204, 219, 252



254, 216, 208



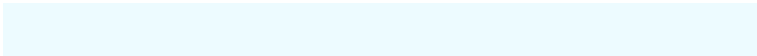
223, 239, 195

Sweetspot

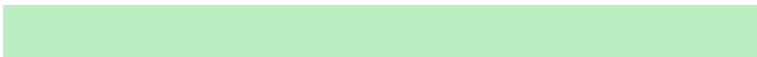
The Sweet Spot groups the original color and five complimentary colors.



187, 211, 239



237, 245, 255



187, 233, 239



117, 122, 128



0, 0, 0



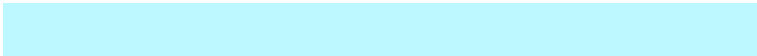
128, 128, 128

Same Dimension

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



187, 211, 239



189, 220, 255



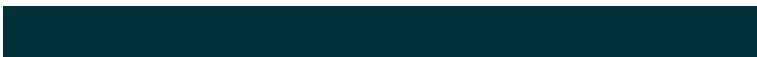
187, 201, 239



108, 113, 120



0, 85, 184



0, 26, 56

Inverse Universe

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



239, 187, 232



255, 189, 246



217, 239, 187



120, 108, 118



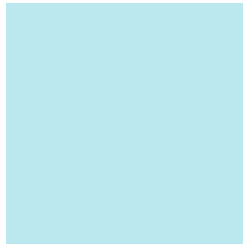
184, 0, 157



56, 0, 48

Previews

White Background



This preview shows how the RYB color 187, 211, 239 looks on a white background.

Color Contrast Check

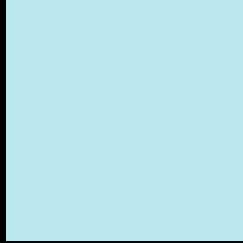
Large Text (above 18pt) WCAG AA × Fail

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 187, 211, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

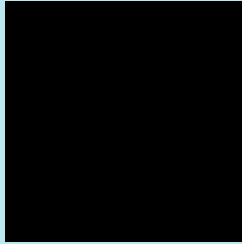
Any Text WCAG AA ✓ Pass

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 187, 211, 239 Background



This preview shows how black text looks on a background with the RYB color 187, 211, 239.




This preview shows how white text looks on a background with the RYB color 187, 211, 239.

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](#).

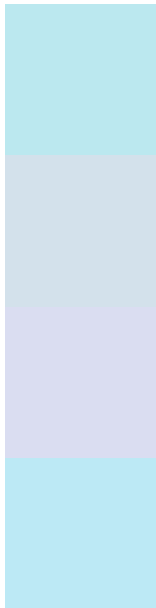
Dichromacy





Tritanopia
189, 213, 248

Trichromacy



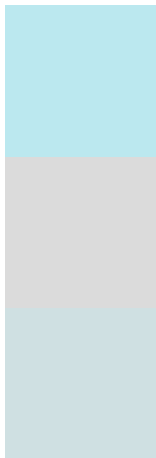
Original Color
187, 211, 239

Protanomaly
211, 220, 235

Deuteranomaly
218, 221, 241

Tritanomaly
188, 213, 245

Monochromacy



Original Color
187, 211, 239

Achromatopsia
219, 219, 219

Achromatomaly
207, 216, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 211, 239 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(187, 232, 239)` looks like.

```
.text, #text, p{  
    color:rgb(187, 232, 239)  
}
```

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(187, 232, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 232, 239) }
```

Border

The CSS property to change the border of an element to RYB 187, 211, 239 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(187, 232, 239) }
```

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

```
.border{ border-color:rgb(187, 232, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 232, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 232, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 232, 239);  
box-shadow:4px 4px 4px 4px rgb(187, 232,  
239) }
```

Background

The CSS property to change the background color of an element to RYB 187, 211, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 232, 239) }
```

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

```
.background{ background-color: rgb(187,  
232, 239) }
```

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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