

Converting Colors

RGB(187, 233, 246)

Have a look what the booklet for
RGB(187, 233, 246) contains.

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Color

RGB(187, 233, 246)

Conversions

Conversions Part 1

Format	Color
Hex	BBE9F6
RGB	187, 233, 246
RGB Percent	73%, 91%, 96%
CMY	0.2667, 0.0863, 0.0353
CMYK	0.24, 0.05, 0.00, 0.04
HSL	193°, 77%, 85%
HSV	193°, 24%, 96%
XYZ	66.2670, 75.4964, 98.2684
YIQ	220.7280, -31.5890, -5.7090

Conversions

Conversions Part 2

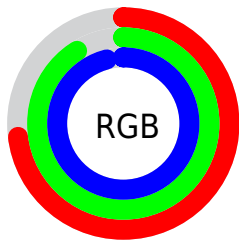
Format	Color
RYB	187, 213, 246
Decimal	12315126
CIELab	89.63, -11.92, -11.17
CIElCh	90, 16.333, 223.127
Yxy	75.4964, 0.2761, 0.3145
Android (android.graphics.Color)	4290505206 (0xFFBBE9F6)
YUV	220.7280, 12.4591, -29.5795
Hunter-Lab	86.8887, -15.9195, -6.2331

Details

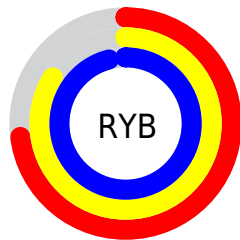
The RGB color **187, 233, 246** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **246, 200, 187**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **244, 255, 255**, and **132, 177, 190** is the 20% darker color. If you saturate the color by 10%, you get **162, 228, 246**, and if you desaturate by 10%, it is **212, 238, 246**.

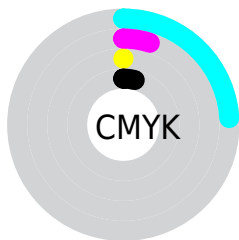
Distribution



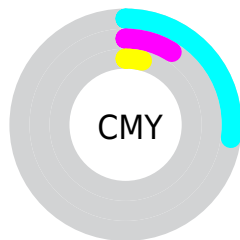
- Red (73%)
- Green (91%)
- Blue (96%)



- Red (73%)
- Yellow (84%)
- Blue (96%)



- Cyan (24%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (27%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 233, 246 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 RGB color 187, 233, 246 by changing the saturation by 10% instead.

 187, 233, 246

255, 255, 255


 244, 255, 255


 187, 233, 246


 159, 205, 218

 132, 177, 190


 106, 151, 163

 81, 125, 136

 55, 100, 111

 30, 76, 87

 0, 53, 63

 0, 32, 41

 0, 1, 22

■ 187, 233, 246

■ 187, 233, 246

■ 162, 228, 246

■ 212, 238, 246

■ 138, 222, 246

■ 236, 244, 246

■ 113, 217, 246

■ 255, 249, 246

■ 89, 211, 246

■ 255, 255, 246

■ 64, 206, 246

■ 255, 255, 246

■ 39, 200, 246

■ 15, 195, 246

■ 0, 192, 246

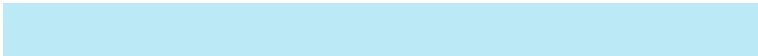
Harmonies

Analogous

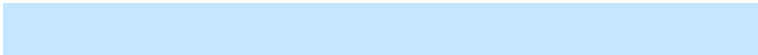
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



187, 235, 232



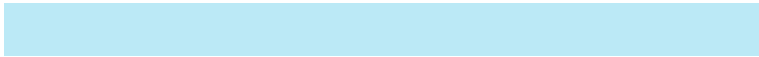
187, 233, 246



199, 229, 255

Triad

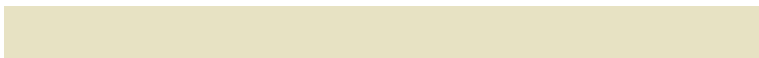
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



187, 233, 246



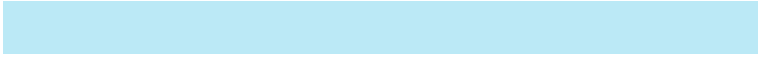
252, 216, 235



231, 226, 195

Complementary

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



187, 233, 246



246, 200, 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.



246, 221, 196



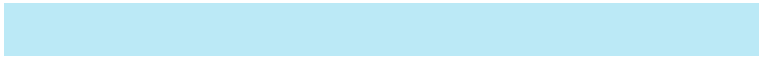
187, 233, 246



255, 215, 219

Square

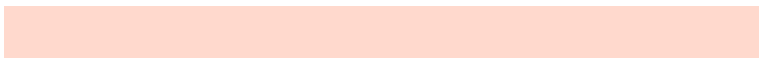
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



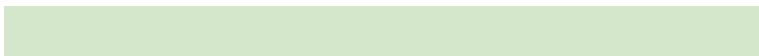
187, 233, 246



237, 219, 248



255, 217, 205



213, 231, 202

Rectangle

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



187, 233, 246



211, 226, 255



255, 217, 205



236, 225, 194

Sweetspot

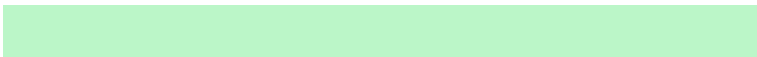
The Sweet Spot groups the original color and five complimentary colors.



187, 233, 246



237, 251, 255



187, 246, 200



117, 125, 128



0, 0, 0



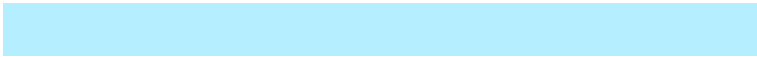
128, 128, 128

Same Dimension

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



187, 233, 246



181, 239, 255



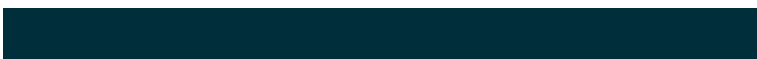
187, 204, 246



110, 120, 122



0, 145, 186



0, 46, 59

Inverse Universe

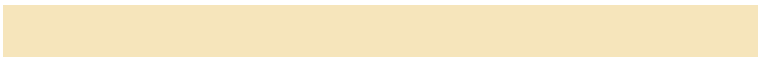
The Inverse Universe completely reimagines the original color for something new.



246, 187, 233



255, 181, 239



246, 229, 187



122, 110, 120



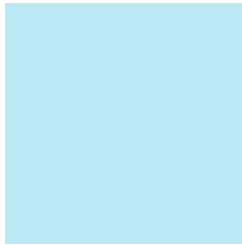
186, 0, 145



59, 0, 46

Previews

White Background



This preview shows how the RGB color 187, 233, 246 looks on a white background.

Color Contrast Check

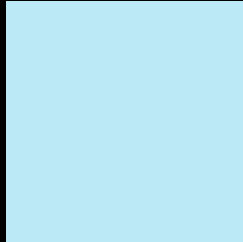
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 187, 233, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

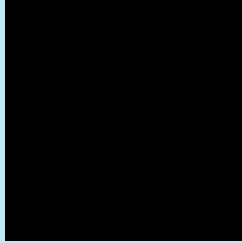
Any Text WCAG AA ✓ Pass

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](#).

RGB 187, 233, 246 Background



This preview shows how black text looks on a background with the RGB color 187, 233, 246.



This preview shows how white text looks on a background with the RGB color 187, 233, 246.

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](#).

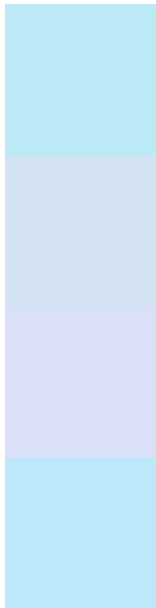
Dichromacy





Tritanopia
188, 232, 251

Trichromacy



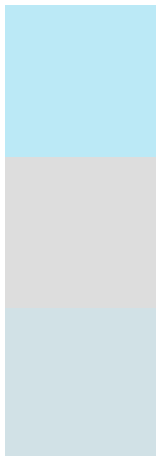
Original Color
187, 233, 246

Protanomaly
211, 227, 242

Deuteranomaly
218, 224, 248

Tritanomaly
188, 232, 249

Monochromacy



Original Color
187, 233, 246

Achromatopsia
221, 221, 221

Achromatomaly
209, 225, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 233, 246 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, 233, 246)` looks like.

```
.text, #text, p{  
    color:rgb(187, 233, 246)  
}
```

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, 233, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 233, 246) }
```

Border

The CSS property to change the border of an element to RGB 187, 233, 246 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, 233, 246) }
```

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

```
.border{ border-color:rgb(187, 233, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 233, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 233, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 233, 246);  
box-shadow:4px 4px 4px 4px rgb(187, 233,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 187, 233, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 233, 246) }
```

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

```
.background{ background-color: rgb(187,  
233, 246) }
```

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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