

Converting Colors

RGB(187, 228, 235)

Have a look what the booklet for
RGB(187, 228, 235) contains.

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Color

RGB(187, 228, 235)

Conversions

Conversions Part 1

Format	Color
Hex	BBE4EB
RGB	187, 228, 235
RGB Percent	73%, 89%, 92%
CMY	0.2667, 0.1059, 0.0784
CMYK	0.20, 0.03, 0.00, 0.08
HSL	189°, 55%, 83%
HSV	189°, 20%, 92%
XYZ	63.2323, 72.0498, 89.1716
YIQ	216.5390, -26.6830, -6.5150

Conversions

Conversions Part 2

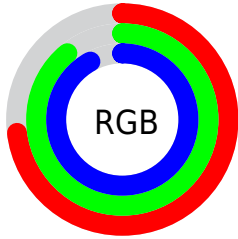
Format	Color
R _Y B	187, 209, 235
Decimal	12313835
CIE Lab	87.99, -11.76, -7.82
CIE LCh	88, 14.122, 213.634
Yxy	72.0498, 0.2817, 0.3210
Android (android.graphics.Color)	4290503915 (0xFFBBE4EB)
YUV	216.5390, 9.1013, -25.9057
Hunter-Lab	84.8821, -15.5715, -2.8687

Details

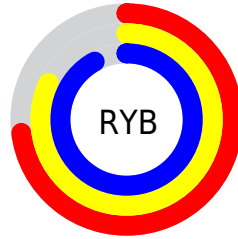
The RGB color **187, 228, 235** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **235, 194, 187**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **244, 255, 255**, and **133, 173, 179** is the 20% darker color. If you saturate the color by 10%, you get **164, 225, 235**, and if you desaturate by 10%, it is **211, 231, 235**.

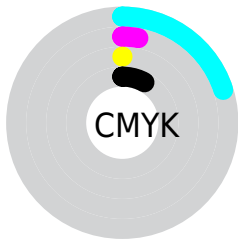
Distribution



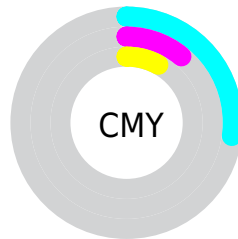
- Red (73%)
- Green (89%)
- Blue (92%)



- Red (73%)
- Yellow (82%)
- Blue (92%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (8%)



- Cyan (27%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 228, 235 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, 228, 235 by changing the saturation by 10% instead.

■ 187, 228, 235

255, 255, 255

■ 244, 255, 255

■ 187, 228, 235

■ 160, 200, 207

■ 133, 173, 179

■ 107, 146, 153

■ 82, 120, 127

■ 57, 95, 102

■ 33, 72, 78

■ 6, 49, 55


■ 0, 28, 34

■ 0, 0, 11

 187, 228, 235

 187, 228, 235

 164, 225, 235

 211, 231, 235

 140, 221, 235

 234, 235, 235

 117, 218, 235

 255, 238, 235

 93, 214, 235

 255, 242, 235

 70, 211, 235

 255, 245, 235

 46, 207, 235

 255, 249, 235

 23, 204, 235

 255, 252, 235

 0, 201, 235

 255, 255, 235

Harmonies

Analogous

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



189, 229, 222



187, 228, 235



194, 225, 244

Triad

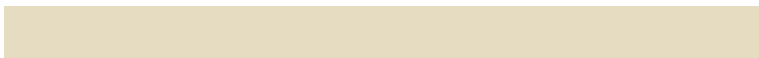
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



187, 228, 235



240, 213, 233



230, 220, 194

Complementary

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



187, 228, 235



235, 194, 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.



242, 216, 197



187, 228, 235



248, 212, 219

Square

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



187, 228, 235



225, 217, 243



249, 213, 206



215, 224, 198

Rectangle

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



187, 228, 235



203, 223, 247



249, 213, 206



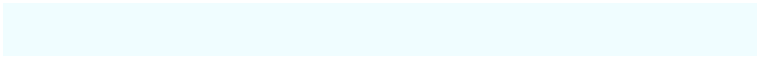
235, 219, 194

Sweetspot

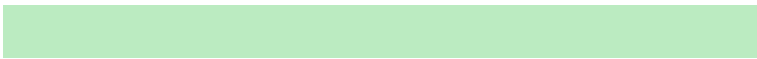
The Sweet Spot groups the original color and five complimentary colors.



187, 228, 235



240, 253, 255



187, 235, 193



119, 126, 128



0, 0, 0



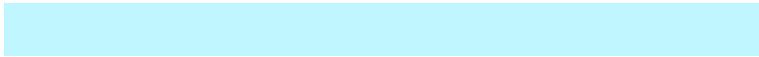
128, 128, 128

Same Dimension

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



187, 228, 235



191, 246, 255



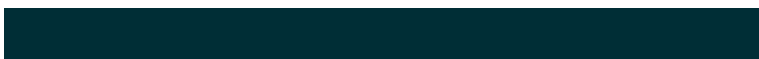
187, 205, 235



106, 116, 117



0, 155, 181



0, 46, 54

Inverse Universe

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



235, 187, 228



255, 191, 246



235, 217, 187



117, 106, 116



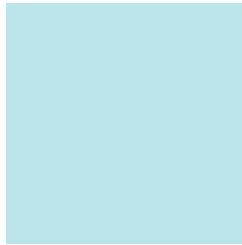
181, 0, 155



54, 0, 46

Previews

White Background



This preview shows how the RGB color 187, 228, 235 looks on a white background.

Color Contrast Check

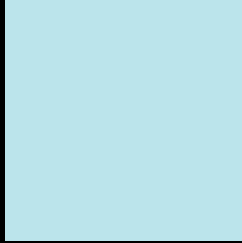
Large Text (above 18pt) WCAG AA × Fail

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, 228, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

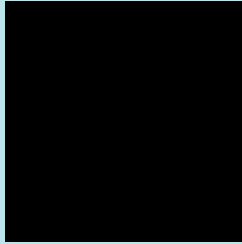
Any Text WCAG AA ✓ Pass

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, 228, 235 Background



This preview shows how black text looks on a background with the RGB color 187, 228, 235.



This preview shows how white text looks on a background with the RGB color 187, 228, 235.

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](#).

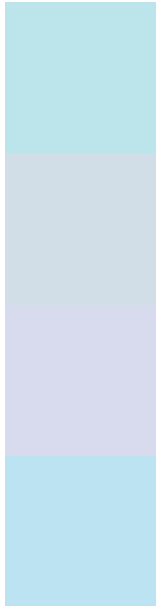
Dichromacy





Tritanopia
189, 226, 245

Trichromacy



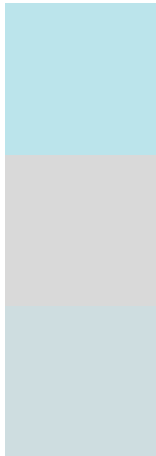
Original Color
187, 228, 235

Protanomaly
209, 222, 232

Deuteranomaly
216, 219, 237

Tritanomaly
188, 227, 241

Monochromacy



Original Color
187, 228, 235

Achromatopsia
217, 217, 217

Achromatomaly
206, 221, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 228, 235 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, 228, 235)` looks like.

```
.text, #text, p{  
    color:rgb(187, 228, 235)  
}
```

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, 228, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 228, 235) }
```

Border

The CSS property to change the border of an element to RGB 187, 228, 235 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, 228, 235) }
```

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

```
.border{ border-color:rgb(187, 228, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 228, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 228, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 228, 235);  
box-shadow:4px 4px 4px 4px rgb(187, 228,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 187, 228, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 228, 235) }
```

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

```
.background{ background-color: rgb(187,  
228, 235) }
```

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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