

Converting Colors

RGB(185, 236, 234)

Have a look what the booklet for
RGB(185, 236, 234) contains.

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Color

RGB(185, 236, 234)

Conversions

Conversions Part 1

Format	Color
Hex	B9ECEA
RGB	185, 236, 234
RGB Percent	73%, 93%, 92%
CMY	0.2745, 0.0745, 0.0824
CMYK	0.22, 0.00, 0.01, 0.07
HSL	178°, 57%, 83%
HSV	178°, 22%, 93%
XYZ	64.8543, 76.2457, 89.1406
YIQ	220.5230, -29.7540, -11.4340

Conversions

Conversions Part 2

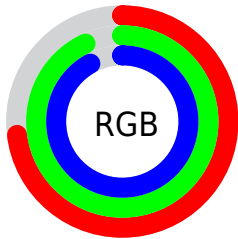
Format	Color
RYB	185, 211, 236
Decimal	12184810
CIELab	89.97, -16.59, -4.39
CIELCh	90, 17.164, 194.802
Yxy	76.2457, 0.2817, 0.3312
Android (android.graphics.Color)	4290374890 (0xFFB9ECEA)
YUV	220.5230, 6.6442, -31.1537
Hunter-Lab	87.3188, -20.2305, 0.5961

Details

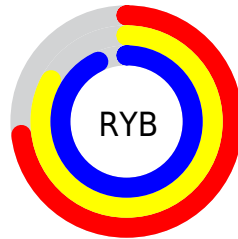
The RGB color **185, 236, 234** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **236, 185, 187**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **242, 255, 255**, and **131, 180, 178** is the 20% darker color. If you saturate the color by 10%, you get **161, 236, 233**, and if you desaturate by 10%, it is **209, 236, 235**.

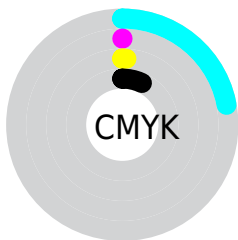
Distribution



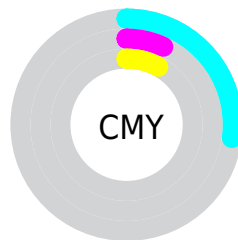
- Red (73%)
- Green (93%)
- Blue (92%)



- Red (73%)
- Yellow (83%)
- Blue (93%)



- Cyan (22%)
- Magenta (0%)
- Yellow (1%)
- Black (7%)



- Cyan (27%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 185, 236, 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 RGB color 185, 236, 234 by changing the saturation by 10% instead.


 185, 236, 234

255, 255, 255


 242, 255, 255


 185, 236, 234

 158, 208, 206

 131, 180, 178

 105, 153, 152

 79, 127, 126

 54, 102, 101

 29, 78, 77


 0, 55, 54

 0, 33, 33

 0, 0, 11

 185, 236, 234

 185, 236, 234

 161, 236, 233

 209, 236, 235

 138, 236, 232

 232, 236, 236

 114, 236, 231

 255, 236, 237

 91, 236, 230

 255, 236, 238

 67, 236, 229

 255, 236, 239

 43, 236, 228

 255, 236, 240

 20, 236, 228

 255, 236, 240

 0, 236, 227

 255, 236, 241

 255, 236, 242

Harmonies

Analogous

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



195, 235, 217



185, 236, 234



186, 234, 249

Triad

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



185, 236, 234



239, 220, 250



248, 222, 195

Complementary

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



185, 236, 234



236, 185, 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.



255, 218, 204



185, 236, 234



255, 216, 235

Square

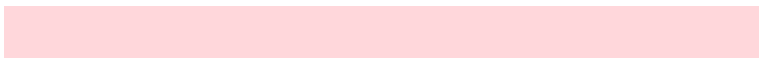
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



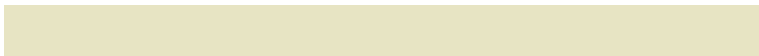
185, 236, 234



219, 225, 255



255, 215, 219



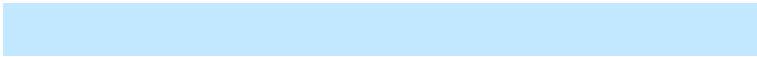
231, 228, 195

Rectangle

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



185, 236, 234



194, 232, 255



255, 215, 219



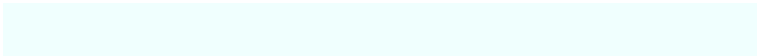
252, 221, 197

Sweetspot

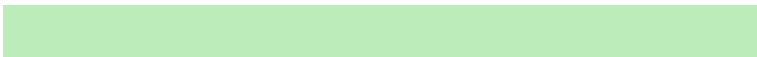
The Sweet Spot groups the original color and five complimentary colors.



185, 236, 234



240, 255, 254



188, 236, 185



119, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



185, 236, 234



189, 255, 252



185, 213, 236



106, 117, 117



0, 181, 174



0, 54, 51

Inverse Universe

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



236, 185, 187



255, 189, 191



236, 208, 185



117, 106, 106



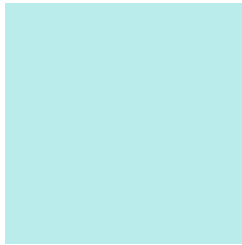
181, 0, 7



54, 0, 2

Previews

White Background



This preview shows how the RGB color 185, 236, 234 looks on a white background.

Color Contrast Check

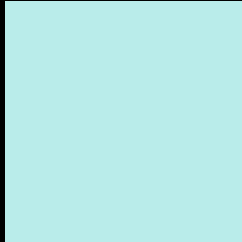
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 185, 236, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

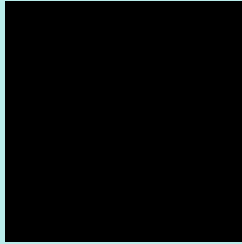
Any Text WCAG AA ✓ Pass

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](#).

RGB 185, 236, 234 Background



This preview shows how black text looks on a background with the RGB color 185, 236, 234.

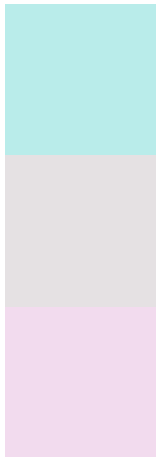


This preview shows how white text looks on a background with the RGB color 185, 236, 234.

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
185, 236, 234

Protanopia
229, 225, 227

Deuteranopia
242, 219, 238



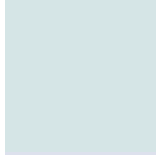
Tritanopia
189, 233, 252

Trichromacy



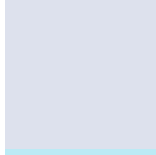
Original Color

185, 236, 234



Protanomaly

213, 229, 230



Deuteranomaly

221, 225, 237



Tritanomaly

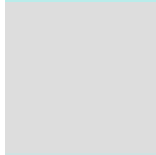
188, 234, 245

Monochromacy



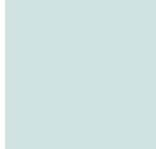
Original Color

185, 236, 234



Achromatopsia

221, 221, 221



Achromatomaly

208, 226, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 185, 236, 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(185, 236, 234)` looks like.

```
.text, #text, p{  
    color:rgb(185, 236, 234)  
}
```

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(185, 236, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 236, 234) }
```

Border

The CSS property to change the border of an element to RGB 185, 236, 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(185, 236, 234) }
```

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

```
.border{ border-color:rgb(185, 236, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 236, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 236, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 236, 234);  
box-shadow:4px 4px 4px 4px rgb(185, 236,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 185, 236, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 236, 234) }
```

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

```
.background{ background-color: rgb(185,  
236, 234) }
```

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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