

Converting Colors

RGB(185, 231, 232)

Have a look what the booklet for
RGB(185, 231, 232) contains.

RGB(185, 231, 232)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(185, 231, 232)

Conversions

Conversions Part 1

Format	Color
Hex	B9E7E8
RGB	185, 231, 232
RGB Percent	73%, 91%, 91%
CMY	0.2745, 0.0941, 0.0902
CMYK	0.20, 0.00, 0.00, 0.09
HSL	181°, 51%, 82%
HSV	181°, 20%, 91%
XYZ	63.1490, 73.2923, 87.1625
YIQ	217.3600, -27.7370, -9.4410

Conversions

Conversions Part 2

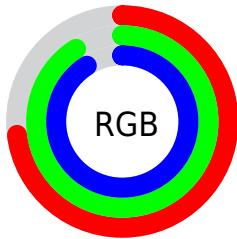
Format	Color
R _Y B	185, 208, 232
Decimal	12183528
CIE Lab	88.59, -14.51, -5.38
CIE LCh	89, 15.477, 200.345
Yxy	73.2923, 0.2824, 0.3278
Android (android.graphics.Color)	4290373608 (0xFFB9E7E8)
YUV	217.3600, 7.2175, -28.3797
Hunter-Lab	85.6109, -18.1526, -0.4369

Details

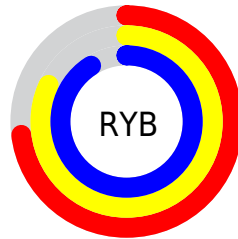
The RGB color **185, 231, 232** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **232, 186, 185**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **242, 255, 255**, and **131, 175, 176** is the 20% darker color. If you saturate the color by 10%, you get **162, 231, 232**, and if you desaturate by 10%, it is **208, 231, 232**.

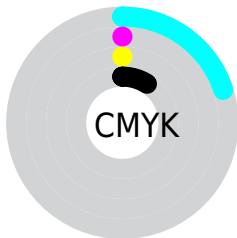
Distribution



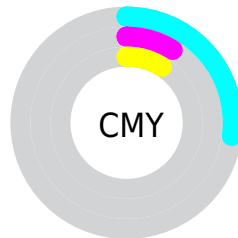
- Red (73%)
- Green (91%)
- Blue (91%)



- Red (73%)
- Yellow (82%)
- Blue (91%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 185, 231, 232 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, 231, 232 by changing the saturation by 10% instead.


 185, 231, 232

255, 255, 255


 242, 255, 255

 185, 231, 232


 158, 203, 204

 131, 175, 176


 105, 149, 150

 80, 123, 124

 55, 98, 99

 30, 74, 75

 2, 51, 53

 0, 30, 31

 0, 0, 7

 185, 231, 232

 185, 231, 232

 162, 231, 232

 208, 231, 232

 139, 230, 232

 231, 232, 232

 115, 230, 232

 255, 232, 232

 92, 229, 232

 255, 233, 232

 69, 229, 232

 255, 233, 232

 46, 228, 232

 255, 234, 232

 23, 228, 232

 255, 234, 232

 0, 227, 232

 255, 235, 232

 255, 235, 232

Harmonies

Analogous

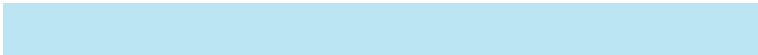
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



192, 231, 217



185, 231, 232



188, 229, 244

Triad

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



185, 231, 232



237, 216, 241



239, 220, 194

Complementary

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



185, 231, 232



232, 186, 185

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.



250, 215, 200



185, 231, 232



250, 213, 228

Square

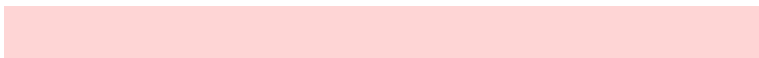
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



185, 231, 232



219, 220, 250



254, 213, 213



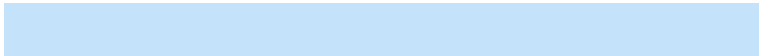
223, 225, 195

Rectangle

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



185, 231, 232



196, 227, 250



254, 213, 213



244, 218, 195

Sweetspot

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



185, 231, 232



240, 255, 255



185, 232, 186



119, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



185, 231, 232



194, 254, 255



185, 208, 232



103, 115, 115



0, 175, 179



0, 50, 51

Inverse Universe

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



232, 185, 231



255, 194, 254



232, 209, 185



115, 103, 115



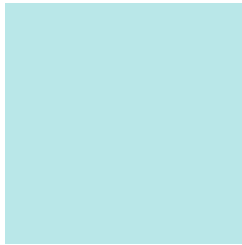
179, 0, 175



51, 0, 50

Previews

White Background



This preview shows how the RGB color 185, 231, 232 looks on a white background.

Color Contrast Check

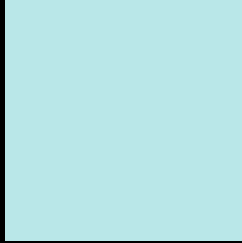
Large Text (above 18pt) WCAG AA × Fail

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, 231, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

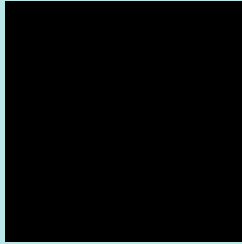
Any Text WCAG AA ✓ Pass

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, 231, 232 Background



This preview shows how black text looks on a background with the RGB color 185, 231, 232.

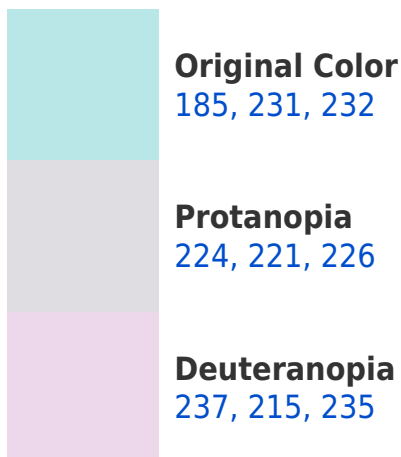


This preview shows how white text looks on a background with the RGB color 185, 231, 232.

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](#).

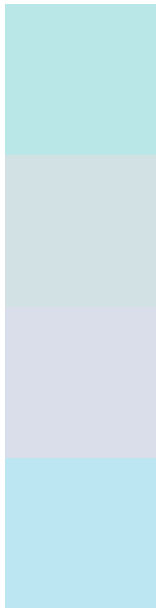
Dichromacy





Tritanopia
188, 229, 247

Trichromacy



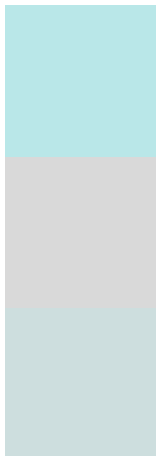
Original Color
185, 231, 232

Protanomaly
210, 225, 228

Deuteranomaly
218, 221, 234

Tritanomaly
187, 230, 242

Monochromacy



Original Color
185, 231, 232

Achromatopsia
217, 217, 217

Achromatomaly
205, 222, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 185, 231, 232 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, 231, 232)` looks like.

```
.text, #text, p{  
    color:rgb(185, 231, 232)  
}
```

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, 231, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 231, 232) }
```

Border

The CSS property to change the border of an element to RGB 185, 231, 232 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, 231, 232) }
```

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

```
.border{ border-color:rgb(185, 231, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 231, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 231, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 231, 232);  
box-shadow:4px 4px 4px 4px rgb(185, 231,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 185, 231, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 231, 232) }
```

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

```
.background{ background-color: rgb(185,  
231, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor