

Converting Colors

RGB(185, 247, 233)

Have a look what the booklet for
RGB(185, 247, 233) contains.

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Color

RGB(185, 247, 233)

Conversions

Conversions Part 1

Format	Color
Hex	B9F7E9
RGB	185, 247, 233
RGB Percent	73%, 97%, 91%
CMY	0.2745, 0.0314, 0.0863
CMYK	0.25, 0.00, 0.06, 0.03
HSL	166°, 79%, 85%
HSV	166°, 25%, 97%
XYZ	67.9763, 82.7190, 89.4744
YIQ	226.8660, -32.4580, -17.4980

Conversions

Conversions Part 2

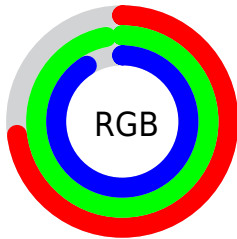
Format	Color
R_{YB}	185, 220, 247
Decimal	12187625
CIE _{Lab}	92.89, -22.22, 0.41
CIE _{LCh}	93, 22.223, 178.936
Yxy	82.7190, 0.2830, 0.3444
Android (android.graphics.Color)	4290377705 (0xFFB9F7E9)
YUV	226.8660, 3.0241, -36.7165
Hunter-Lab	90.9500, -25.7510, 5.3369

Details

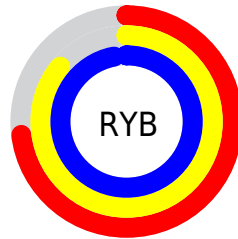
The RGB color **185, 247, 233** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **247, 185, 199**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **242, 255, 255**, and **130, 190, 177** is the 20% darker color. If you saturate the color by 10%, you get **160, 247, 227**, and if you desaturate by 10%, it is **210, 247, 239**.

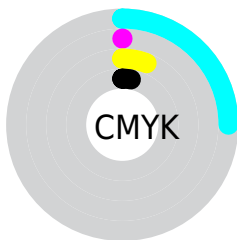
Distribution



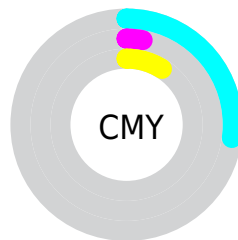
- Red (73%)
- Green (97%)
- Blue (91%)



- Red (73%)
- Yellow (86%)
- Blue (97%)



- Cyan (25%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)



- Cyan (27%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 185, 247, 233 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, 247, 233 by changing the saturation by 10% instead.


 185, 247, 233

255, 255, 255


 242, 255, 255


 185, 247, 233

 157, 218, 205


 130, 190, 177

 104, 163, 151

 78, 137, 125

 52, 111, 100

 25, 87, 76

 0, 63, 53

 0, 41, 32

 0, 18, 9

■ 185, 247, 233

■ 185, 247, 233

■ 160, 247, 227

■ 210, 247, 239

■ 136, 247, 222

■ 234, 247, 244

■ 111, 247, 216

■ 255, 247, 250

■ 86, 247, 211

■ 255, 247, 255

■ 61, 247, 205

■ 37, 247, 200

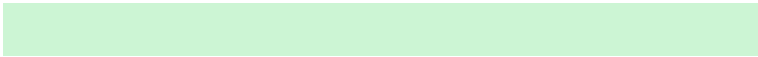
■ 12, 247, 194

■ 0, 247, 191

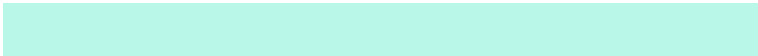
Harmonies

Analogous

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



204, 245, 212



185, 247, 233



177, 246, 254

Triad

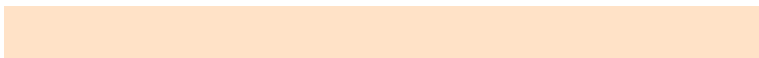
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



185, 247, 233



238, 229, 255



255, 226, 199

Complementary

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



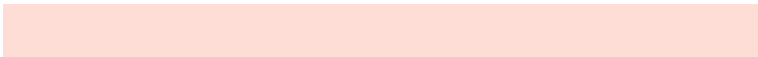
185, 247, 233



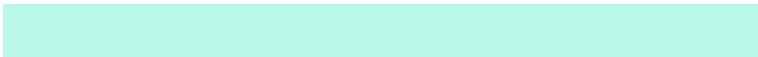
247, 185, 199

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, 221, 215



185, 247, 233



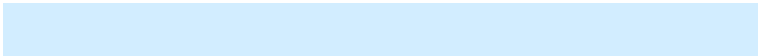
255, 223, 255

Square

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



185, 247, 233



210, 237, 255



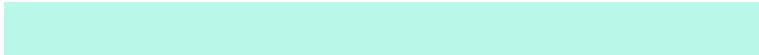
255, 220, 236



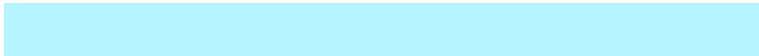
252, 233, 192

Rectangle

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



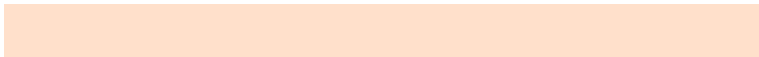
185, 247, 233



182, 244, 255



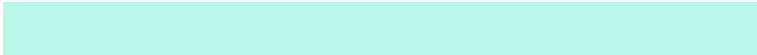
255, 220, 236



255, 224, 203

Sweetspot

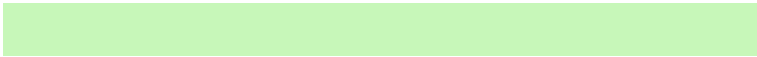
The Sweet Spot groups the original color and five complimentary colors.



185, 247, 233



235, 255, 250



199, 247, 185



115, 128, 125



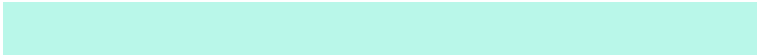
0, 0, 0



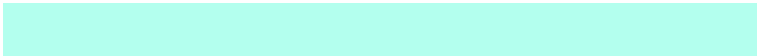
128, 128, 128

Same Dimension

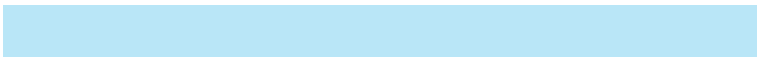
The Same Dimension uses a secret algorithm to generate beautiful new colors.



185, 247, 233



179, 255, 238



185, 230, 247



110, 122, 120



0, 186, 144



0, 59, 45

Inverse Universe

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



247, 185, 199



255, 179, 196



247, 202, 185



122, 110, 113



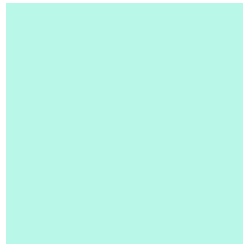
186, 0, 42



59, 0, 13

Previews

White Background



This preview shows how the RGB color 185, 247, 233 looks on a white background.

Color Contrast Check

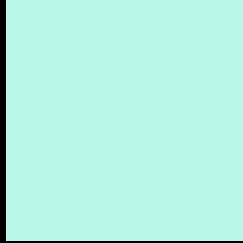
Large Text (above 18pt) WCAG AA × Fail

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, 247, 233 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

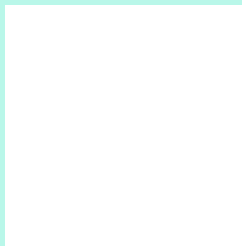
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 185, 247, 233 Background



This preview shows how black text looks on a background with the RGB color 185, 247, 233.

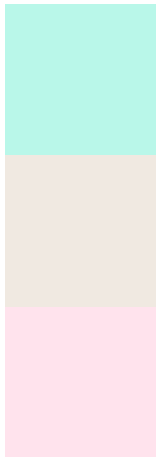


This preview shows how white text looks on a background with the RGB color 185, 247, 233.

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, 247, 233

Protanopia
240, 233, 225

Deuteranopia
255, 227, 237



Tritanopia

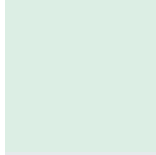
203, 240, 255

Trichromacy



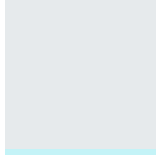
Original Color

185, 247, 233



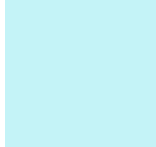
Protanomaly

220, 238, 228



Deuteranomaly

230, 234, 236



Tritanomaly

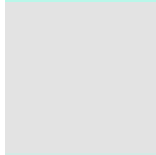
196, 243, 247

Monochromacy



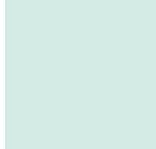
Original Color

185, 247, 233



Achromatopsia

227, 227, 227



Achromatomaly

212, 234, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 185, 247, 233 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, 247, 233)` looks like.

```
.text, #text, p{  
    color:rgb(185, 247, 233)  
}
```

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, 247, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 247, 233) }
```

Border

The CSS property to change the border of an element to RGB 185, 247, 233 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, 247, 233) }
```

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

```
.border{ border-color:rgb(185, 247, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 247, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 247, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 247, 233);  
box-shadow:4px 4px 4px 4px rgb(185, 247,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 185, 247, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 247, 233) }
```

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

```
.background{ background-color: rgb(185,  
247, 233) }
```

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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