

Converting Colors

RGB(187, 243, 246)

Have a look what the booklet for
RGB(187, 243, 246) contains.

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Color

RGB(187, 243, 246)

Conversions

Conversions Part 1

Format	Color
Hex	BBF3F6
RGB	187, 243, 246
RGB Percent	73%, 95%, 96%
CMY	0.2667, 0.0471, 0.0353
CMYK	0.24, 0.01, 0.00, 0.04
HSL	183°, 77%, 85%
HSV	183°, 24%, 96%
XYZ	69.1787, 81.3198, 99.2390
YIQ	226.5980, -34.3390, -10.9390

Conversions

Conversions Part 2

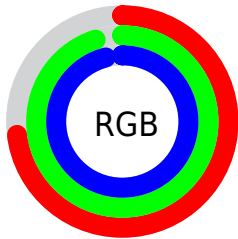
Format	Color
R _Y B	187, 216, 246
Decimal	12317686
CIE Lab	92.27, -16.94, -7.23
CIE LCh	92, 18.417, 203.124
Yxy	81.3198, 0.2770, 0.3256
Android (android.graphics.Color)	4290507766 (0xFFBBF3F6)
YUV	226.5980, 9.5652, -34.7274
Hunter-Lab	90.1775, -20.8763, -2.1235

Details

The RGB color **187, 243, 246** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **246, 190, 187**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **244, 255, 255**, and **132, 187, 190** is the 20% darker color. If you saturate the color by 10%, you get **162, 242, 246**, and if you desaturate by 10%, it is **212, 244, 246**.

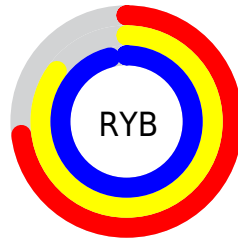
Distribution



Red (73%)

Green (95%)

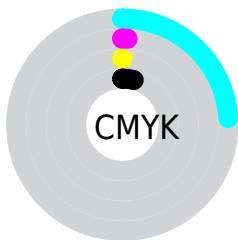
Blue (96%)



Red (73%)

Yellow (85%)

Blue (96%)

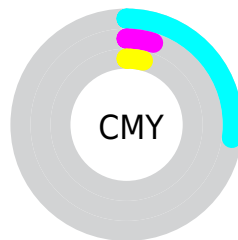


Cyan (24%)

Magenta (1%)

Yellow (0%)

Black (4%)



Cyan (27%)

Magenta (5%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 243, 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, 243, 246 by changing the saturation by 10% instead.

187, 243, 246

255, 255, 255

244, 255, 255

187, 243, 246

159, 215, 218

132, 187, 190

106, 160, 163

80, 133, 136

54, 108, 111

27, 84, 87

0, 60, 64

0, 38, 42

0, 16, 21

187, 243, 246

187, 243, 246

162, 242, 246

212, 244, 246

138, 240, 246

236, 246, 246

113, 239, 246

255, 247, 246

89, 238, 246

255, 248, 246

64, 237, 246

255, 249, 246

39, 235, 246

255, 251, 246

15, 234, 246

255, 252, 246

0, 233, 246

255, 253, 246

255, 254, 246

Harmonies

Analogous

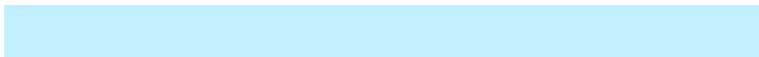
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



195, 243, 228



187, 243, 246



192, 240, 255

Triad

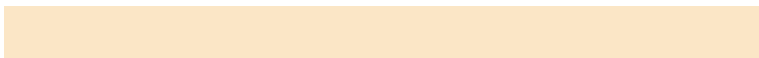
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



187, 243, 246



252, 224, 254



251, 230, 198

Complementary

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



187, 243, 246



246, 190, 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, 225, 205



187, 243, 246



255, 221, 238

Square

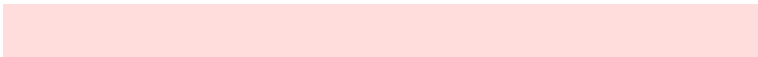
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



187, 243, 246



231, 230, 255



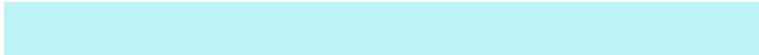
255, 221, 220



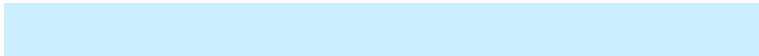
232, 236, 200

Rectangle

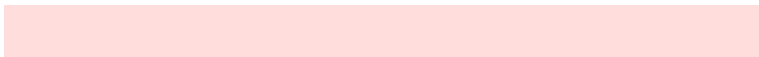
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



187, 243, 246



202, 237, 255



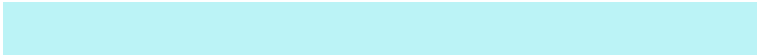
255, 221, 220



255, 228, 199

Sweetspot

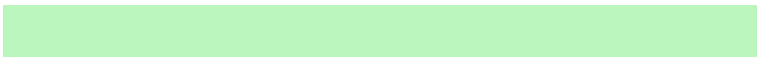
The Sweet Spot groups the original color and five complimentary colors.



187, 243, 246



237, 254, 255



187, 246, 190



117, 127, 128



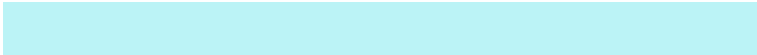
0, 0, 0



128, 128, 128

Same Dimension

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



187, 243, 246



181, 251, 255



187, 214, 246



110, 122, 122



0, 177, 186



0, 56, 59

Inverse Universe

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



246, 187, 243



255, 181, 251



246, 219, 187



122, 110, 122



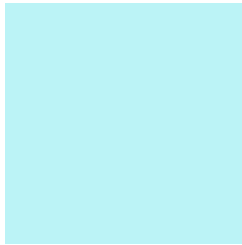
186, 0, 177



59, 0, 56

Previews

White Background



This preview shows how the RGB color 187, 243, 246 looks on a white background.

Color Contrast Check

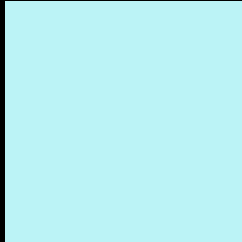
Large Text (above 18pt) WCAG AA × Fail

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, 243, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

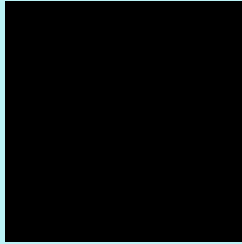
Any Text WCAG AA ✓ Pass

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, 243, 246 Background



This preview shows how black text looks on a background with the RGB color 187, 243, 246.

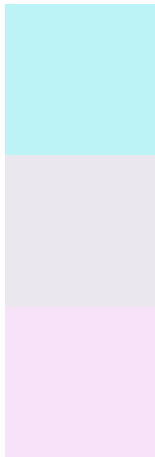


This preview shows how white text looks on a background with the RGB color 187, 243, 246.

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



Original Color
187, 243, 246

Protanopia
234, 231, 239

Deuteranopia
247, 226, 250



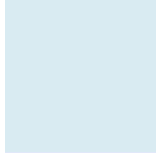
Tritanopia
199, 239, 255

Trichromacy



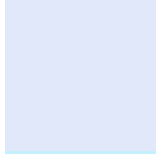
Original Color

187, 243, 246



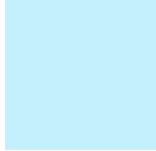
Protanomaly

217, 235, 242



Deuteranomaly

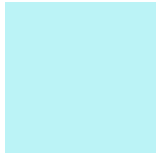
225, 232, 249



Tritanomaly

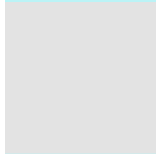
195, 240, 252

Monochromacy



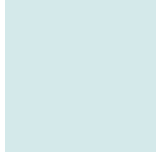
Original Color

187, 243, 246



Achromatopsia

227, 227, 227



Achromatomaly

212, 233, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 243, 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, 243, 246)` looks like.

```
.text, #text, p{  
    color:rgb(187, 243, 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, 243, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 243, 246) }
```

Border

The CSS property to change the border of an element to RGB 187, 243, 246 is called "border". The border property can be set on classes, ids or directly on the HTML element.

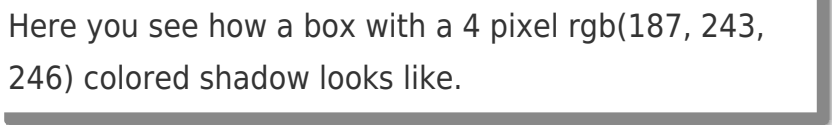
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 243, 246) }
```

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

```
.border{ border-color:rgb(187, 243, 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, 243, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 243, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 243, 246); box-shadow:4px 4px 4px 4px rgb(187, 243, 246) }
```

Background

The CSS property to change the background color of an element to RGB 187, 243, 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, 243, 246) }
```

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

```
.background{ background-color: rgb(187,  
243, 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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