

Converting Colors

RGB(187, 240, 230)

Have a look what the booklet for
RGB(187, 240, 230) contains.

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Color

RGB(187, 240, 230)

Conversions

Conversions Part 1

Format	Color
Hex	BBF0E6
RGB	187, 240, 230
RGB Percent	73%, 94%, 90%
CMY	0.2667, 0.0588, 0.0980
CMYK	0.22, 0.00, 0.04, 0.06
HSL	169°, 64%, 84%
HSV	169°, 22%, 94%
XYZ	65.9365, 78.5981, 86.5586
YIQ	223.0130, -28.3780, -14.3460

Conversions

Conversions Part 2

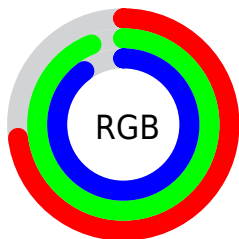
Format	Color
RYB	187, 216, 240
Decimal	12316902
CIELab	91.05, -18.81, -0.70
CIELCh	91, 18.823, 182.134
Yxy	78.5981, 0.2853, 0.3401
Android (android.graphics.Color)	4290506982 (0xFFBBF0E6)
YUV	223.0130, 3.4446, -31.5834
Hunter-Lab	88.6556, -22.3901, 4.1713

Details

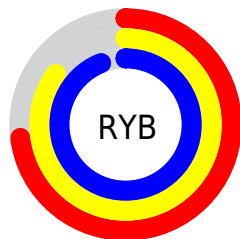
The RGB color **187, 240, 230** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **240, 187, 197**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **244, 255, 255**, and **133, 184, 175** is the 20% darker color. If you saturate the color by 10%, you get **163, 240, 225**, and if you desaturate by 10%, it is **211, 240, 235**.

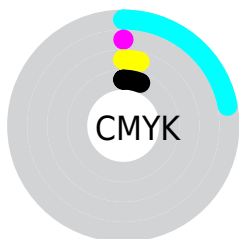
Distribution



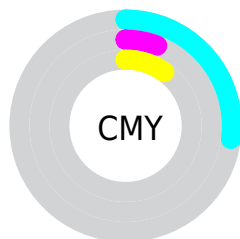
- Red (73%)
- Green (94%)
- Blue (90%)



- Red (73%)
- Yellow (85%)
- Blue (94%)



- Cyan (22%)
- Magenta (0%)
- Yellow (4%)
- Black (6%)



- Cyan (27%)
- Magenta (6%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 240, 230 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, 240, 230 by changing the saturation by 10% instead.

 187, 240, 230


255, 255, 255


 244, 255, 255

 187, 240, 230


 159, 212, 202

 133, 184, 175


 107, 157, 148

 81, 131, 122

 56, 105, 97

 31, 81, 74

 2, 58, 51


 0, 36, 30

 0, 7, 5

 187, 240, 230

 187, 240, 230

 163, 240, 225

 211, 240, 235

 139, 240, 221

 235, 240, 239

 115, 240, 216

 255, 240, 244

 91, 240, 212

 255, 240, 248

 67, 240, 207

 255, 240, 253

 43, 240, 203

 255, 240, 255

 19, 240, 198

 0, 240, 195

Harmonies

Analogous

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



202, 238, 212



187, 240, 230



182, 239, 248

Triad

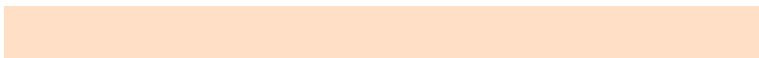
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



187, 240, 230



234, 224, 255



255, 223, 198

Complementary

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



187, 240, 230



240, 187, 197

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, 211



187, 240, 230



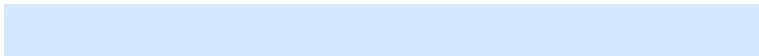
254, 219, 247

Square

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



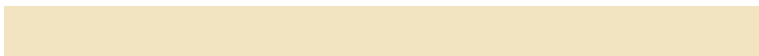
187, 240, 230



211, 230, 255



255, 217, 229



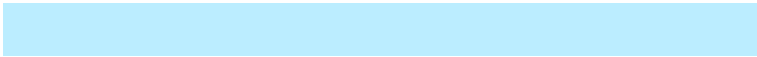
243, 228, 193

Rectangle

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



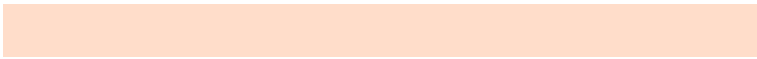
187, 240, 230



187, 237, 255



255, 217, 229



255, 221, 202

Sweetspot

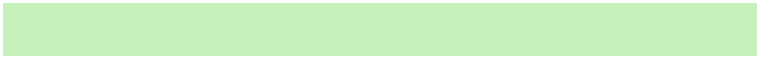
The Sweet Spot groups the original color and five complimentary colors.



187, 240, 230



237, 255, 252



198, 240, 187



117, 128, 126



0, 0, 0



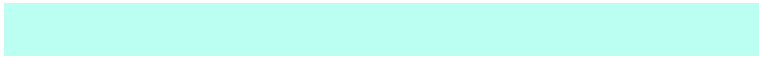
128, 128, 128

Same Dimension

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



187, 240, 230



186, 255, 242



187, 224, 240



108, 120, 118



0, 184, 149



0, 56, 46

Inverse Universe

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



240, 187, 197



255, 186, 199



240, 203, 187



120, 108, 110



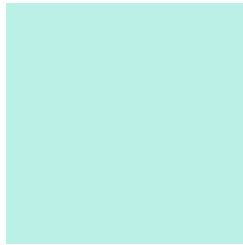
184, 0, 35



56, 0, 11

Previews

White Background



This preview shows how the RGB color 187, 240, 230 looks on a white background.

Color Contrast Check

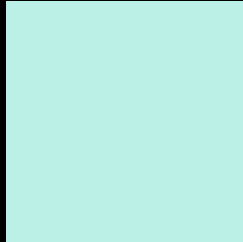
Large Text (above 18pt) WCAG AA × Fail

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, 240, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

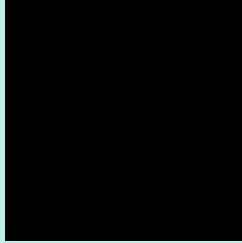
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

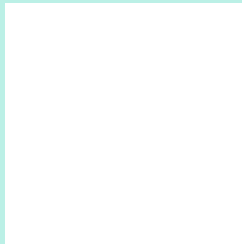
Any Text WCAG AAA ✓ Pass

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

RGB 187, 240, 230 Background



This preview shows how black text looks on a background with the RGB color 187, 240, 230.



This preview shows how white text looks on a background with the RGB color 187, 240, 230.

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





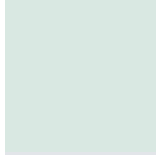
Tritanopia
192, 236, 255

Trichromacy



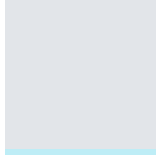
Original Color

187, 240, 230



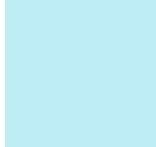
Protanomaly

217, 232, 226



Deuteranomaly

226, 229, 233



Tritanomaly

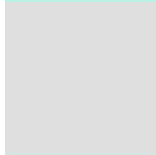
190, 237, 246

Monochromacy



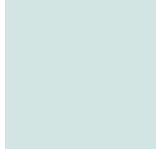
Original Color

187, 240, 230



Achromatopsia

223, 223, 223



Achromatomaly

210, 229, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 240, 230 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, 240, 230)` looks like.

```
.text, #text, p{  
    color:rgb(187, 240, 230)  
}
```

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, 240, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 240, 230) }
```

Border

The CSS property to change the border of an element to RGB 187, 240, 230 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, 240, 230) }
```

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

```
.border{ border-color:rgb(187, 240, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 240, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 240, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 240, 230);  
box-shadow:4px 4px 4px 4px rgb(187, 240,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 187, 240, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 240, 230) }
```

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

```
.background{ background-color: rgb(187,  
240, 230) }
```

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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