

Converting Colors

RGB(187, 240, 229)

Have a look what the booklet for
RGB(187, 240, 229) contains.

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Color

RGB(187, 240, 229)

Conversions

Conversions Part 1

Format	Color
Hex	BBF0E5
RGB	187, 240, 229
RGB Percent	73%, 94%, 90%
CMY	0.2667, 0.0588, 0.1020
CMYK	0.22, 0.00, 0.05, 0.06
HSL	168°, 64%, 84%
HSV	168°, 22%, 94%
XYZ	65.7965, 78.5421, 85.8210
YIQ	222.8990, -28.0570, -14.6570

Conversions

Conversions Part 2

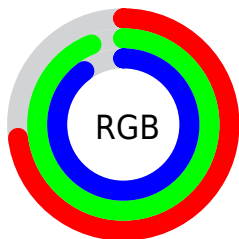
Format	Color
R_{YB}	187, 217, 240
Decimal	12316901
CIE Lab	91.03, -19.01, -0.22
CIE LCh	91, 19.015, 180.654
Yxy	78.5421, 0.2859, 0.3413
Android (android.graphics.Color)	4290506981 (0xFFBBF0E5)
YUV	222.8990, 3.0078, -31.4834
Hunter-Lab	88.6240, -22.5695, 4.6220

Details

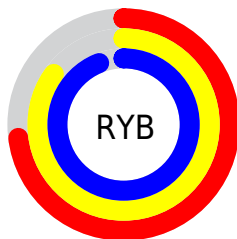
The RGB color **187, 240, 229** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **240, 187, 198**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **244, 255, 255**, and **133, 184, 174** is the 20% darker color. If you saturate the color by 10%, you get **163, 240, 224**, and if you desaturate by 10%, it is **211, 240, 234**.

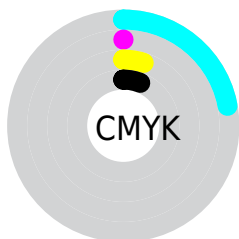
Distribution



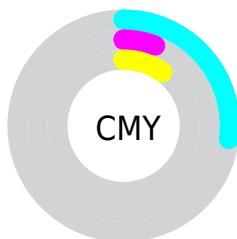
- Red (73%)
- Green (94%)
- Blue (90%)



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



- Cyan (22%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 240, 229 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, 229 by changing the saturation by 10% instead.

 187, 240, 229


255, 255, 255


 244, 255, 255

 187, 240, 229


 160, 212, 201

 133, 184, 174


 107, 157, 147

 81, 131, 121

 56, 105, 97

 31, 81, 73

 2, 58, 50


 0, 36, 29

 0, 7, 4

 187, 240, 229

 187, 240, 229

 163, 240, 224

 211, 240, 234

 139, 240, 219

 235, 240, 239

 115, 240, 214

 255, 240, 244

 91, 240, 209

 255, 240, 249

 67, 240, 204

 255, 240, 254

 43, 240, 199

 255, 240, 255

 19, 240, 194

 0, 240, 190

Harmonies

Analogous

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



203, 238, 211



187, 240, 229



182, 239, 247

Triad

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



187, 240, 229



233, 225, 255



255, 222, 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, 229



240, 187, 198

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, 229



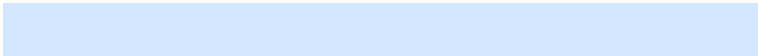
254, 219, 247

Square

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



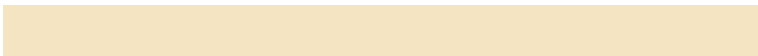
187, 240, 229



210, 231, 255



255, 217, 230



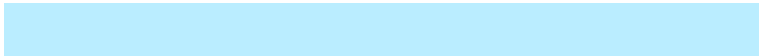
244, 228, 193

Rectangle

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



187, 240, 229



186, 237, 255



255, 217, 230



255, 221, 202

Sweetspot

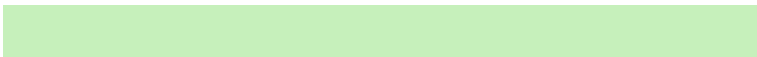
The Sweet Spot groups the original color and five complimentary colors.



187, 240, 229



237, 255, 251



198, 240, 187



117, 128, 125



0, 0, 0



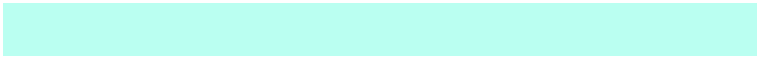
128, 128, 128

Same Dimension

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



187, 240, 229



186, 255, 241



187, 225, 240



108, 120, 117



0, 184, 145



0, 56, 44

Inverse Universe

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



240, 187, 198



255, 186, 200



240, 202, 187



120, 108, 110



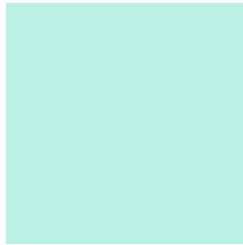
184, 0, 38



56, 0, 12

Previews

White Background



This preview shows how the RGB color 187, 240, 229 looks on a white background.

Color Contrast Check

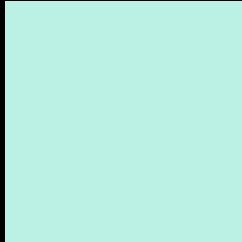
Large Text (above 18pt) WCAG AA × Fail

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, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

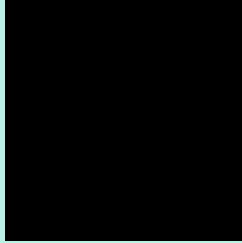
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

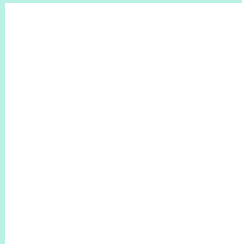
Any Text WCAG AAA ✓ Pass

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

RGB 187, 240, 229 Background



This preview shows how black text looks on a background with the RGB color 187, 240, 229.



This preview shows how white text looks on a background with the RGB color 187, 240, 229.

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





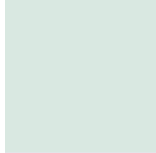
Tritanopia
192, 236, 255

Trichromacy



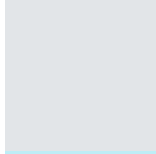
Original Color

187, 240, 229



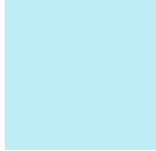
Protanomaly

217, 232, 225



Deuteranomaly

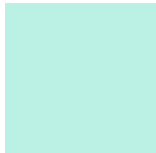
226, 229, 232



Tritanomaly

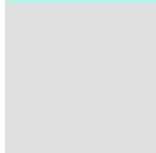
190, 237, 246

Monochromacy



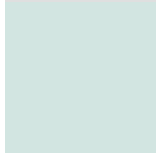
Original Color

187, 240, 229



Achromatopsia

223, 223, 223



Achromatomaly

210, 229, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 240, 229 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(187, 240, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 240, 229) }
```

Border

The CSS property to change the border of an element to RGB 187, 240, 229 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, 229) }
```

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

```
.border{ border-color:rgb(187, 240, 229) }
```

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, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 240, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 240, 229);  
box-shadow:4px 4px 4px 4px rgb(187, 240,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 187, 240, 229 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, 229) }
```

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

```
.background{ background-color: rgb(187,  
240, 229) }
```

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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