

Converting Colors

RGB(190, 227, 234)

Have a look what the booklet for
RGB(190, 227, 234) contains.

RGB(190, 227, 234)	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(190, 227, 234)

Conversions

Conversions Part 1

Format	Color
Hex	BEE3EA
RGB	190, 227, 234
RGB Percent	75%, 89%, 92%
CMY	0.2549, 0.1098, 0.0824
CMYK	0.19, 0.03, 0.00, 0.08
HSL	190°, 51%, 83%
HSV	190°, 19%, 92%
XYZ	63.5556, 71.8258, 88.3559
YIQ	216.7350, -24.2990, -5.6670

Conversions

Conversions Part 2

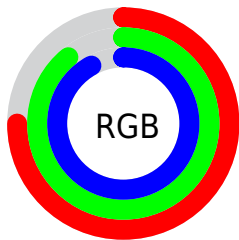
Format	Color
R _Y B	190, 210, 234
Decimal	12510186
CIE Lab	87.88, -10.55, -7.44
CIE LCh	88, 12.907, 215.175
Yxy	71.8258, 0.2841, 0.3210
Android (android.graphics.Color)	4290700266 (0xFFBEE3EA)
YUV	216.7350, 8.5116, -23.4466
Hunter-Lab	84.7501, -14.4525, -2.4875

Details

The RGB color **190, 227, 234** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **234, 197, 190**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **247, 255, 255**, and **136, 172, 178** is the 20% darker color. If you saturate the color by 10%, you get **167, 223, 234**, and if you desaturate by 10%, it is **213, 231, 234**.

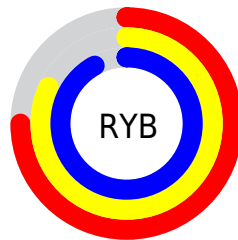
Distribution



Red (75%)

Green (89%)

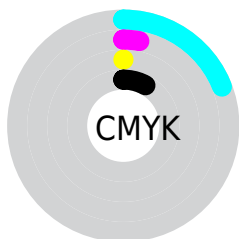
Blue (92%)



Red (75%)

Yellow (82%)

Blue (92%)

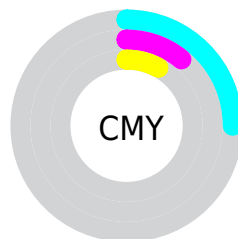


Cyan (19%)

Magenta (3%)

Yellow (0%)

Black (8%)



Cyan (25%)

Magenta (11%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 190, 227, 234 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 190, 227, 234 by changing the saturation by 10% instead.

 190, 227, 234


255, 255, 255


 247, 255, 255

 190, 227, 234

 163, 199, 206

 136, 172, 178

 110, 145, 152

 85, 119, 126

 60, 95, 101

 37, 71, 77

 12, 48, 54

 0, 28, 33

 0, 0, 9

 190, 227, 234

 190, 227, 234

 167, 223, 234

 213, 231, 234

 143, 220, 234

 237, 234, 234

 120, 216, 234

 255, 238, 234

 96, 212, 234

 255, 242, 234

 73, 208, 234

 255, 246, 234

 50, 205, 234

 255, 249, 234

 26, 201, 234

 255, 253, 234

 3, 197, 234

 255, 255, 234

 0, 197, 234

Harmonies

Analogous

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



192, 228, 222



190, 227, 234



197, 224, 242

Triad

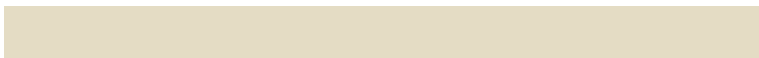
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



190, 227, 234



239, 213, 231



228, 220, 196

Complementary

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



190, 227, 234



234, 197, 190

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.



240, 216, 198



190, 227, 234



246, 212, 219

Square

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



190, 227, 234



226, 217, 240



246, 213, 207



214, 224, 200

Rectangle

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



190, 227, 234



205, 222, 245



246, 213, 207



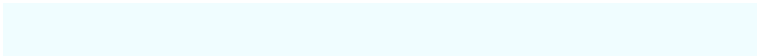
233, 219, 196

Sweetspot

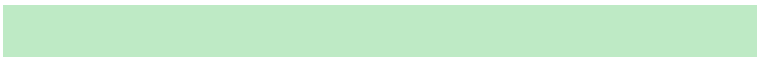
The Sweet Spot groups the original color and five complimentary colors.



190, 227, 234



240, 253, 255



190, 234, 197



119, 126, 128



0, 0, 0



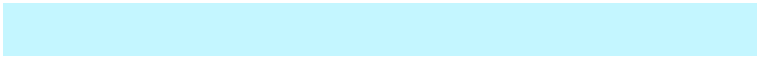
128, 128, 128

Same Dimension

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



190, 227, 234



196, 246, 255



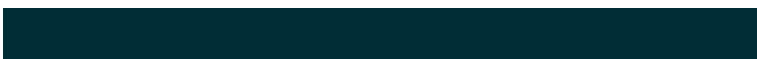
190, 205, 234



106, 115, 117



0, 152, 181



0, 45, 54

Inverse Universe

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



234, 190, 227



255, 196, 246



234, 219, 190



117, 106, 115



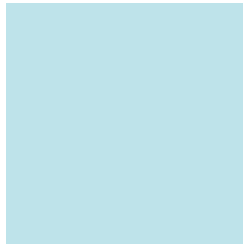
181, 0, 152



54, 0, 45

Previews

White Background



This preview shows how the RGB color 190, 227, 234 looks on a white background.

Color Contrast Check

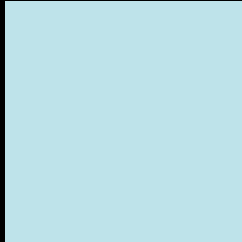
Large Text (above 18pt) WCAG AA × Fail

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 190, 227, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

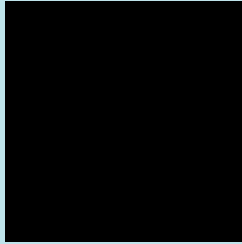
Any Text WCAG AA ✓ Pass

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 190, 227, 234 Background



This preview shows how black text looks on a background with the RGB color 190, 227, 234.



This preview shows how white text looks on a background with the RGB color 190, 227, 234.

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](#).

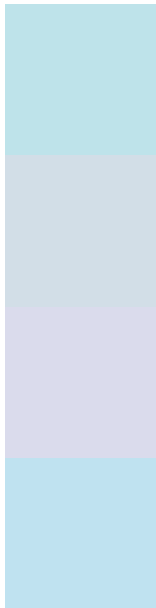
Dichromacy





Tritanopia
192, 226, 243

Trichromacy



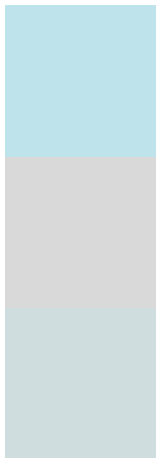
Original Color
190, 227, 234

Protanomaly
210, 222, 231

Deuteranomaly
218, 219, 236

Tritanomaly
191, 226, 240

Monochromacy



Original Color
190, 227, 234

Achromatopsia
217, 217, 217

Achromatomaly
207, 221, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 190, 227, 234 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(190, 227, 234)` looks like.

```
.text, #text, p{  
    color:rgb(190, 227, 234)  
}
```

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(190, 227, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 227, 234) }
```

Border

The CSS property to change the border of an element to RGB 190, 227, 234 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(190, 227, 234) }
```

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

```
.border{ border-color:rgb(190, 227, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 227, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 227, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 227, 234);  
box-shadow:4px 4px 4px 4px rgb(190, 227,  
234) }
```

Background

The CSS property to change the background color of an element to RGB 190, 227, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 227, 234) }
```

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

```
.background{ background-color: rgb(190,  
227, 234) }
```

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