

Converting Colors

RGB(190, 244, 229)

Have a look what the booklet for
RGB(190, 244, 229) contains.

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Color

RGB(190, 244, 229)

Conversions

Conversions Part 1

Format	Color
Hex	BEF4E5
RGB	190, 244, 229
RGB Percent	75%, 96%, 90%
CMY	0.2549, 0.0431, 0.1020
CMYK	0.22, 0.00, 0.06, 0.04
HSL	163°, 71%, 85%
HSV	163°, 22%, 96%
XYZ	67.7287, 81.3057, 86.2526
YIQ	226.1440, -27.3690, -16.1130

Conversions

Conversions Part 2

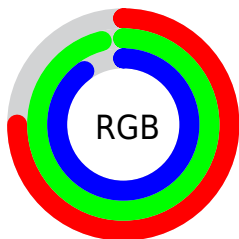
Format	Color
R _Y B	190, 221, 244
Decimal	12514533
CIE Lab	92.27, -20.07, 1.61
CIE LCh	92, 20.139, 175.406
Yxy	81.3057, 0.2879, 0.3456
Android (android.graphics.Color)	4290704613 (0xFFBEF4E5)
YUV	226.1440, 1.4080, -31.6983
Hunter-Lab	90.1697, -23.7209, 6.4044

Details

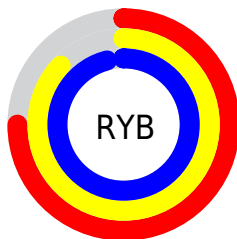
The RGB color **190, 244, 229** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **244, 190, 205**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **247, 255, 255**, and **136, 188, 174** is the 20% darker color. If you saturate the color by 10%, you get **166, 244, 222**, and if you desaturate by 10%, it is **214, 244, 236**.

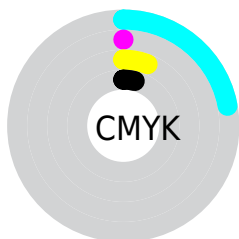
Distribution



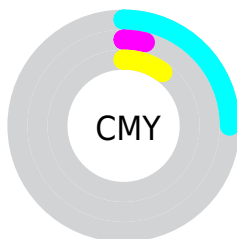
- Red (75%)
- Green (96%)
- Blue (90%)



- Red (75%)
- Yellow (87%)
- Blue (96%)



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



- Cyan (25%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 190, 244, 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 190, 244, 229 by changing the saturation by 10% instead.

■ 190, 244, 229

255, 255, 255

■ 247, 255, 255

■ 190, 244, 229

■ 162, 215, 201

■ 136, 188, 174

■ 109, 161, 147

■ 84, 134, 121

■ 59, 109, 97

■ 34, 84, 73

■ 5, 61, 50

■ 0, 39, 29

■ 0, 15, 4

 190, 244, 229

 190, 244, 229

 166, 244, 222

 214, 244, 236

 141, 244, 215

 239, 244, 243

 117, 244, 209

 255, 244, 249

 92, 244, 202

 255, 244, 255

 68, 244, 195

 44, 244, 188

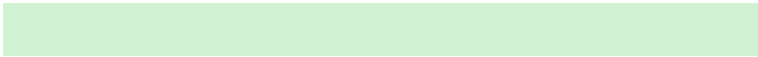
 19, 244, 182

 0, 244, 176

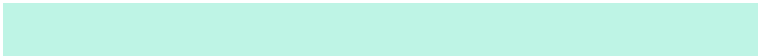
Harmonies

Analogous

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



208, 242, 210



190, 244, 229



182, 244, 249

Triad

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



190, 244, 229



233, 229, 255



255, 224, 202

Complementary

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



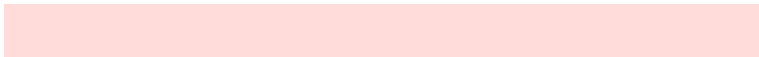
190, 244, 229



244, 190, 205

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, 220, 217



190, 244, 229



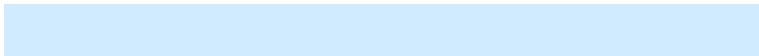
255, 223, 255

Square

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



190, 244, 229



208, 235, 255



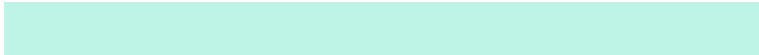
255, 220, 237



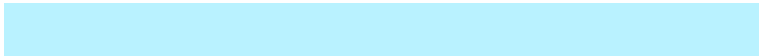
251, 230, 195

Rectangle

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



190, 244, 229



185, 242, 255



255, 220, 237



255, 223, 206

Sweetspot

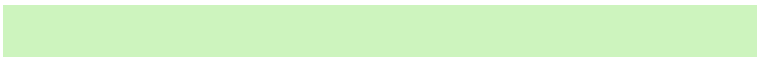
The Sweet Spot groups the original color and five complimentary colors.



190, 244, 229



237, 255, 250



205, 244, 190



117, 128, 125



0, 0, 0



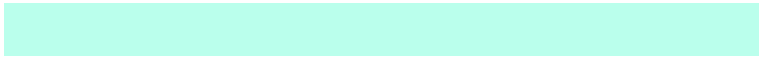
128, 128, 128

Same Dimension

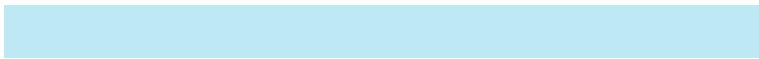
The Same Dimension uses a secret algorithm to generate beautiful new colors.



190, 244, 229



186, 255, 236



190, 232, 244



110, 122, 119



0, 186, 134



0, 59, 42

Inverse Universe

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



244, 190, 205



255, 186, 205



244, 202, 190



122, 110, 114



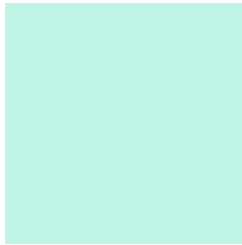
186, 0, 52



59, 0, 16

Previews

White Background



This preview shows how the RGB color 190, 244, 229 looks on a white background.

Color Contrast Check

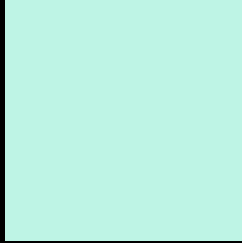
Large Text (above 18pt) WCAG AA × Fail

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 190, 244, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

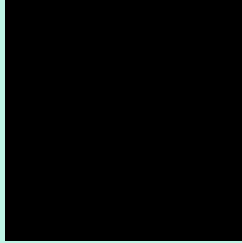
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

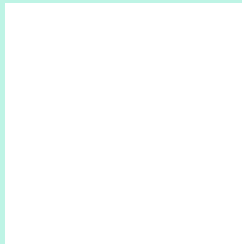
Any Text WCAG AAA ✓ Pass

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

RGB 190, 244, 229 Background



This preview shows how black text looks on a background with the RGB color 190, 244, 229.



This preview shows how white text looks on a background with the RGB color 190, 244, 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





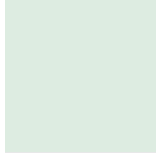
Tritanopia
202, 238, 255

Trichromacy



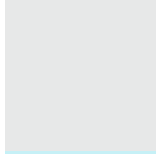
Original Color

190, 244, 229



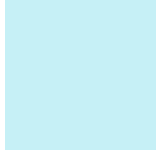
Protanomaly

221, 236, 225



Deuteranomaly

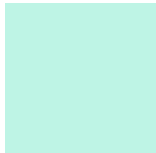
231, 232, 232



Tritanomaly

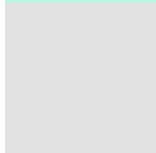
198, 240, 246

Monochromacy



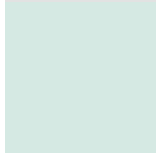
Original Color

190, 244, 229



Achromatopsia

226, 226, 226



Achromatomaly

213, 233, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 190, 244, 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(190, 244, 229)` looks like.

```
.text, #text, p{  
    color:rgb(190, 244, 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(190, 244, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 244, 229) }
```

Border

The CSS property to change the border of an element to RGB 190, 244, 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(190, 244, 229) }
```

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

```
.border{ border-color:rgb(190, 244, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 244, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 244, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 244, 229); box-shadow:4px 4px 4px 4px rgb(190, 244, 229) }
```

Background

The CSS property to change the background color of an element to RGB 190, 244, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 244, 229) }
```

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

```
.background{ background-color: rgb(190,  
244, 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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