

Converting Colors

RGB(188, 254, 229)

Have a look what the booklet for
RGB(188, 254, 229) contains.

RGB(188, 254, 229)	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(188, 254, 229)

Conversions

Conversions Part 1

Format	Color
Hex	BCFEE5
RGB	188, 254, 229
RGB Percent	74%, 100%, 90%
CMY	0.2627, 0.0039, 0.1020
CMYK	0.26, 0.00, 0.10, 0.00
HSL	157°, 97%, 87%
HSV	157°, 26%, 100%
XYZ	70.3237, 87.2321, 87.2598
YIQ	231.4160, -31.3110, -21.7670

Conversions

Conversions Part 2

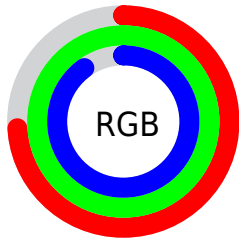
Format	Color
RYB	188, 229, 254
Decimal	12386021
CIELab	94.84, -25.52, 5.33
CIELCh	95, 26.066, 168.211
Yxy	87.2321, 0.2873, 0.3563
Android (android.graphics.Color)	4290576101 (0xFFBCFEE5)
YUV	231.4160, -1.1911, -38.0758
Hunter-Lab	93.3981, -29.0460, 9.9854

Details

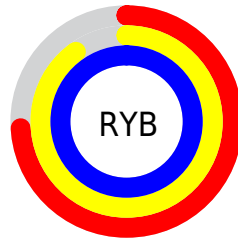
The RGB color **188, 254, 229** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **254, 188, 213**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **245, 255, 255**, and **133, 197, 174** is the 20% darker color. If you saturate the color by 10%, you get **163, 254, 219**, and if you desaturate by 10%, it is **213, 254, 239**.

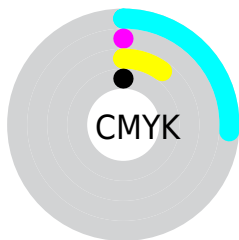
Distribution



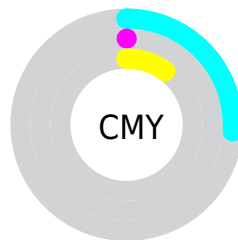
- Red (74%)
- Green (100%)
- Blue (90%)



- Red (74%)
- Yellow (90%)
- Blue (100%)



- Cyan (26%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 254, 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 188, 254, 229 by changing the saturation by 10% instead.

 188, 254, 229

255, 255, 255


 245, 255, 255

 188, 254, 229

 160, 225, 201

 133, 197, 174

 107, 170, 147

 81, 143, 121

 55, 117, 96

 28, 92, 73

 0, 68, 50

 0, 45, 29

 0, 26, 4

■ 188, 254, 229

■ 188, 254, 229

■ 163, 254, 219

■ 213, 254, 239

■ 137, 254, 210

■ 239, 254, 248

■ 112, 254, 200

255, 254, 255

■ 86, 254, 191

■ 61, 254, 181

■ 36, 254, 171

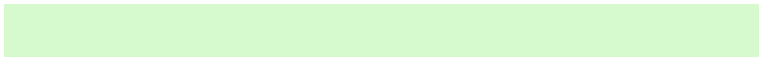
■ 10, 254, 162

■ 0, 254, 158

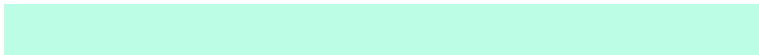
Harmonies

Analogous

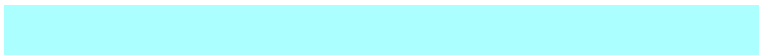
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214, 250, 206



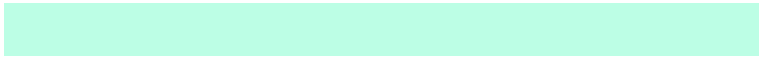
188, 254, 229



172, 255, 255

Triad

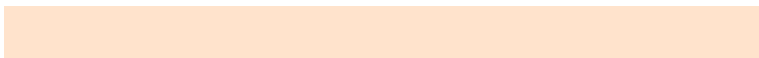
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



188, 254, 229



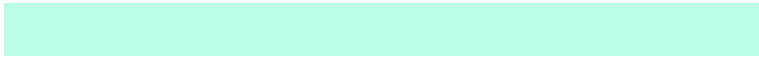
232, 237, 255



255, 227, 204

Complementary

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



188, 254, 229



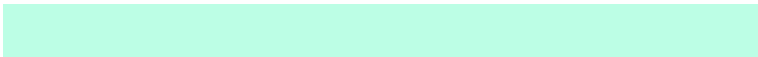
254, 188, 213

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, 223, 226



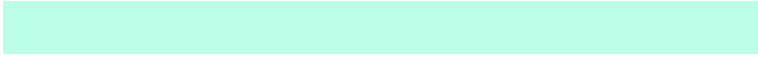
188, 254, 229



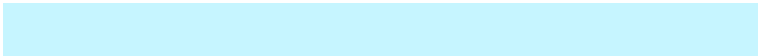
255, 229, 255

Square

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



188, 254, 229



198, 245, 255



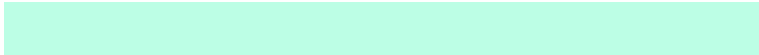
255, 223, 251



255, 235, 191

Rectangle

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



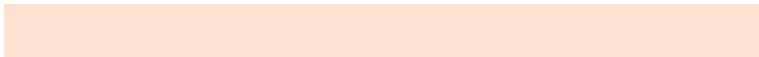
188, 254, 229



172, 253, 255



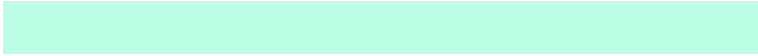
255, 223, 251



255, 225, 210

Sweetspot

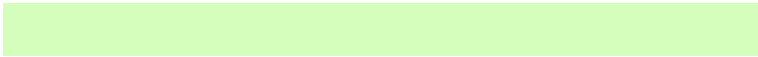
The Sweet Spot groups the original color and five complimentary colors.



188, 254, 229



235, 255, 247



213, 254, 188



115, 128, 123



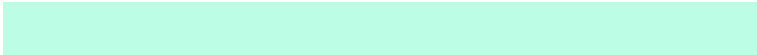
0, 0, 0



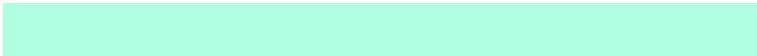
128, 128, 128

Same Dimension

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



188, 254, 229



176, 255, 225



188, 246, 254



115, 128, 123



0, 191, 119



0, 64, 40

Inverse Universe

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



254, 188, 213



255, 176, 206



254, 196, 188



128, 115, 120



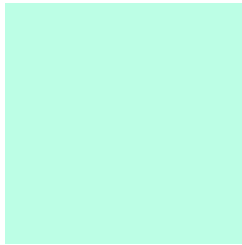
191, 0, 72



64, 0, 24

Previews

White Background



This preview shows how the RGB color 188, 254, 229 looks on a white background.

Color Contrast Check

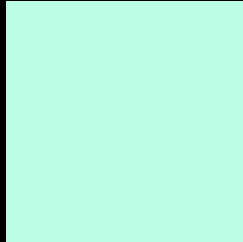
Large Text (above 18pt) WCAG AA × Fail

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 188, 254, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

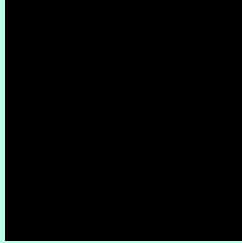
Any Text WCAG AA ✓ Pass

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 188, 254, 229 Background



This preview shows how black text looks on a background with the RGB color 188, 254, 229.

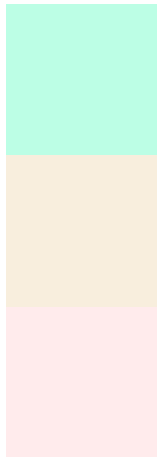


This preview shows how white text looks on a background with the RGB color 188, 254, 229.

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



Original Color
188, 254, 229

Protanopia
248, 238, 221

Deuteranopia
255, 235, 236



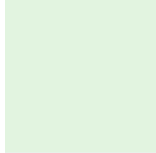
Tritanopia
218, 244, 255

Trichromacy



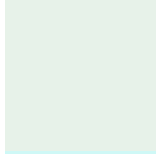
Original Color

188, 254, 229



Protanomaly

226, 244, 224



Deuteranomaly

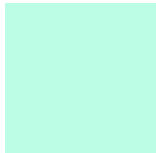
231, 242, 233



Tritanomaly

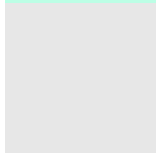
207, 248, 246

Monochromacy



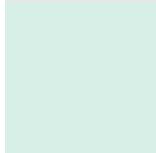
Original Color

188, 254, 229



Achromatopsia

231, 231, 231



Achromatomaly

215, 239, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 254, 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(188, 254, 229)` looks like.

```
.text, #text, p{  
    color:rgb(188, 254, 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(188, 254, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 254, 229) }
```

Border

The CSS property to change the border of an element to RGB 188, 254, 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(188, 254, 229) }
```

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

```
.border{ border-color:rgb(188, 254, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 254, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 254, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 254, 229);  
box-shadow:4px 4px 4px 4px rgb(188, 254,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 188, 254, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 254, 229) }
```

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

```
.background{ background-color: rgb(188,  
254, 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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