

Converting Colors

RGB(187, 254, 226)

Have a look what the booklet for
RGB(187, 254, 226) contains.

RGB(187, 254, 226)	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(187, 254, 226)

Conversions

Conversions Part 1

Format	Color
Hex	BBFEE2
RGB	187, 254, 226
RGB Percent	73%, 100%, 89%
CMY	0.2667, 0.0039, 0.1137
CMYK	0.26, 0.00, 0.11, 0.00
HSL	155°, 97%, 86%
HSV	155°, 26%, 100%
XYZ	69.6628, 86.9394, 85.0609
YIQ	230.7750, -30.9440, -22.9120

Conversions

Conversions Part 2

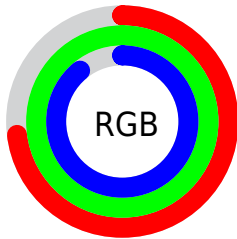
Format	Color
RYB	187, 229, 254
Decimal	12320482
CIELab	94.71, -26.40, 6.69
CIELCh	95, 27.235, 165.791
Yxy	86.9394, 0.2883, 0.3598
Android (android.graphics.Color)	4290510562 (0xFFBBFEE2)
YUV	230.7750, -2.3541, -38.3907
Hunter-Lab	93.2413, -29.8107, 11.1807

Details

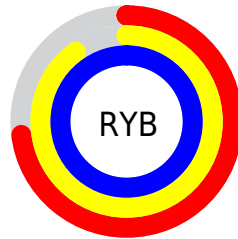
The RGB color **187, 254, 226** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **254, 187, 215**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **244, 255, 255**, and **132, 197, 171** is the 20% darker color. If you saturate the color by 10%, you get **162, 254, 215**, and if you desaturate by 10%, it is **212, 254, 237**.

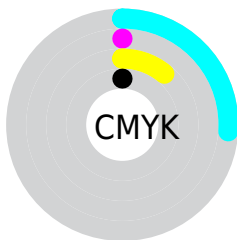
Distribution



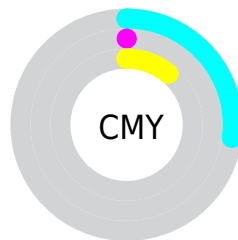
- Red (73%)
- Green (100%)
- Blue (89%)



- Red (73%)
- Yellow (90%)
- Blue (100%)



- Cyan (26%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 254, 226 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, 254, 226 by changing the saturation by 10% instead.


 187, 254, 226

255, 255, 255


 244, 255, 255

 187, 254, 226

 159, 225, 198

 132, 197, 171

 106, 170, 144

 80, 143, 119

 54, 117, 94

 27, 92, 70

 0, 68, 48

 0, 45, 27

 0, 25, 0

■ 187, 254, 226

■ 187, 254, 226

■ 162, 254, 215

■ 212, 254, 237

■ 136, 254, 205

■ 238, 254, 247

■ 111, 254, 194

255, 254, 255

■ 85, 254, 184

■ 60, 254, 173

■ 35, 254, 162

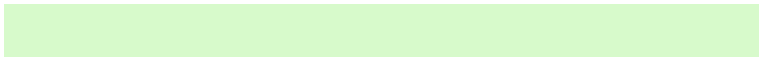
■ 9, 254, 152

■ 0, 254, 148

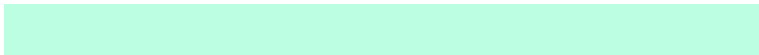
Harmonies

Analogous

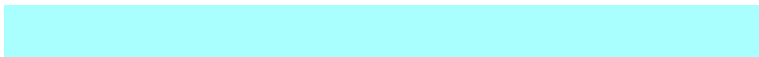
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215, 250, 203



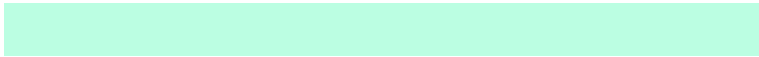
187, 254, 226



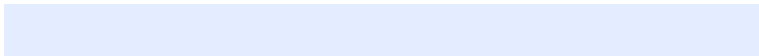
169, 255, 253

Triad

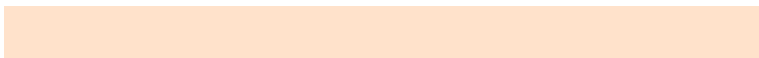
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



187, 254, 226



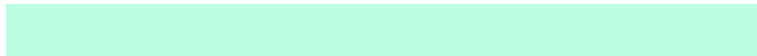
228, 237, 255



255, 226, 203

Complementary

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



187, 254, 226



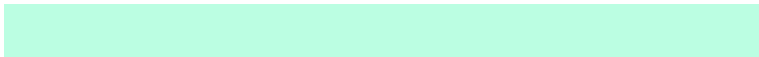
254, 187, 215

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, 221, 227



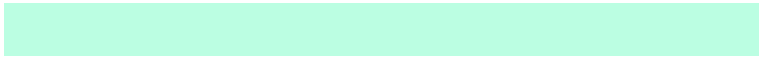
187, 254, 226



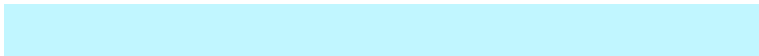
255, 229, 255

Square

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



187, 254, 226



193, 246, 255



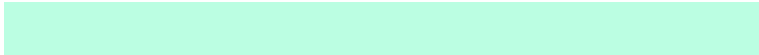
255, 222, 253



255, 234, 189

Rectangle

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



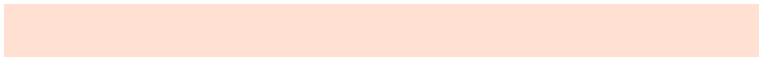
187, 254, 226



167, 253, 255



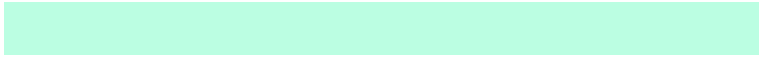
255, 222, 253



255, 224, 210

Sweetspot

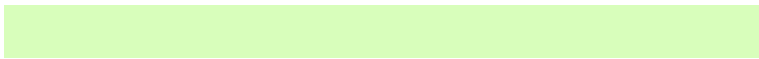
The Sweet Spot groups the original color and five complimentary colors.



187, 254, 226



235, 255, 246



216, 254, 187



115, 128, 122



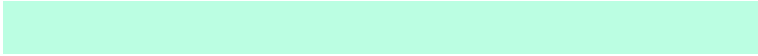
0, 0, 0



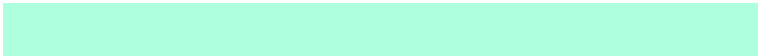
128, 128, 128

Same Dimension

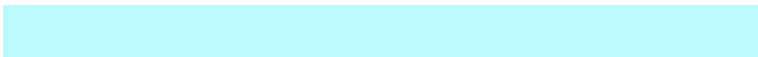
The Same Dimension uses a secret algorithm to generate beautiful new colors.



187, 254, 226



173, 255, 221



187, 250, 254



115, 128, 122



0, 191, 111



0, 64, 37

Inverse Universe

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



254, 187, 215



255, 173, 208



254, 191, 187



128, 115, 120



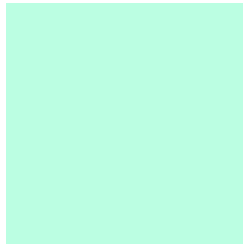
191, 0, 80



64, 0, 27

Previews

White Background



This preview shows how the RGB color 187, 254, 226 looks on a white background.

Color Contrast Check

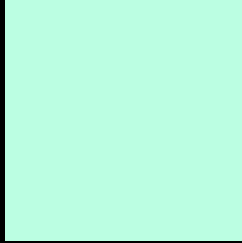
Large Text (above 18pt) WCAG AA × Fail

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, 254, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

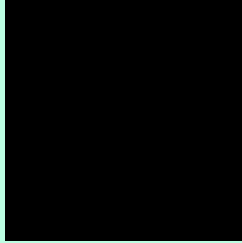
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

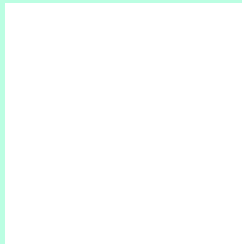
Any Text WCAG AAA ✓ Pass

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

RGB 187, 254, 226 Background



This preview shows how black text looks on a background with the RGB color 187, 254, 226.



This preview shows how white text looks on a background with the RGB color 187, 254, 226.

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





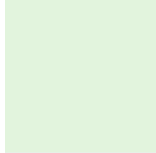
Tritanopia
217, 244, 255

Trichromacy



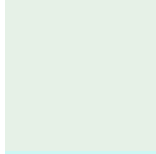
Original Color

187, 254, 226



Protanomaly

226, 244, 221



Deuteranomaly

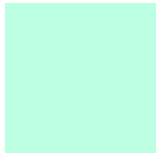
230, 241, 231



Tritanomaly

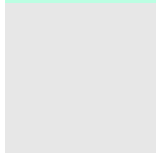
206, 248, 244

Monochromacy



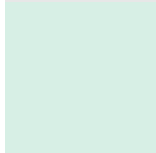
Original Color

187, 254, 226



Achromatopsia

231, 231, 231



Achromatomaly

215, 239, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 254, 226 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, 254, 226)` looks like.

```
.text, #text, p{  
    color:rgb(187, 254, 226)  
}
```

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, 254, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 254, 226) }
```

Border

The CSS property to change the border of an element to RGB 187, 254, 226 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, 254, 226) }
```

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

```
.border{ border-color:rgb(187, 254, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 254, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 254, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 254, 226);  
box-shadow:4px 4px 4px 4px rgb(187, 254,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 187, 254, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 254, 226) }
```

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

```
.background{ background-color: rgb(187,  
254, 226) }
```

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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