

Converting Colors

RGB(187, 255, 231)

Have a look what the booklet for
RGB(187, 255, 231) contains.

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Color

RGB(187, 255, 231)

Conversions

Conversions Part 1

Format	Color
Hex	BBFFE7
RGB	187, 255, 231
RGB Percent	73%, 100%, 91%
CMY	0.2667, 0.0000, 0.0941
CMYK	0.27, 0.00, 0.09, 0.00
HSL	159°, 100%, 87%
HSV	159°, 27%, 100%
XYZ	70.6773, 87.8543, 88.8338
YIQ	231.9320, -32.8240, -21.8800

Conversions

Conversions Part 2

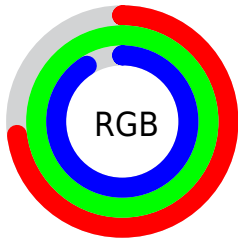
Format	Color
RYB	187, 228, 255
Decimal	12320743
CIELab	95.10, -25.89, 4.67
CIELCh	95, 26.310, 169.780
Yxy	87.8543, 0.2857, 0.3552
Android (android.graphics.Color)	4290510823 (0xFFBBFFE7)
YUV	231.9320, -0.4595, -39.4054
Hunter-Lab	93.7306, -29.4312, 9.4190

Details

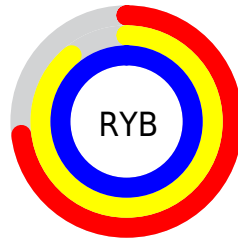
The RGB color **187, 255, 231** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **255, 187, 211**, and the grayscale version is **232, 232, 232**.

A 20% lighter version of the original color is **244, 255, 255**, and **132, 198, 175** is the 20% darker color. If you saturate the color by 10%, you get **162, 255, 222**, and if you desaturate by 10%, it is **212, 255, 240**.

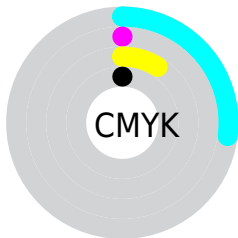
Distribution



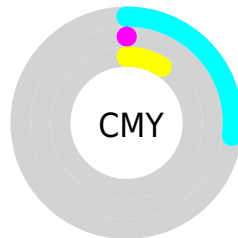
- Red (73%)
- Green (100%)
- Blue (91%)



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



- Cyan (27%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 255, 231 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, 255, 231 by changing the saturation by 10% instead.


 187, 255, 231

255, 255, 255


 244, 255, 255

 187, 255, 231

 159, 226, 203

 132, 198, 175

 106, 171, 149


 79, 144, 123

 53, 118, 98

 26, 93, 74

 0, 69, 52

 0, 46, 31

 0, 27, 6

■ 187, 255, 231

■ 187, 255, 231

■ 162, 255, 222

■ 212, 255, 240

■ 136, 255, 213

■ 238, 255, 249

■ 110, 255, 204

255, 255, 255

■ 85, 255, 195

■ 59, 255, 186

■ 34, 255, 177

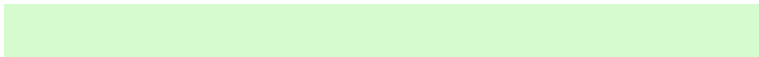
■ 8, 255, 168

■ 0, 255, 165

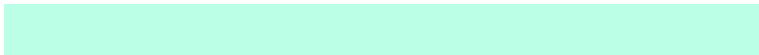
Harmonies

Analogous

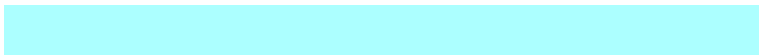
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213, 251, 207



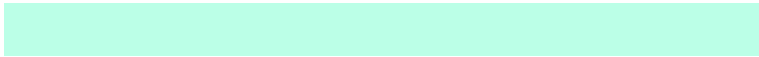
187, 255, 231



172, 255, 255

Triad

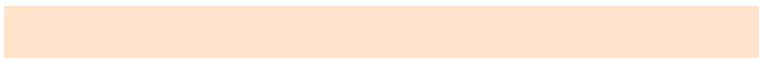
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



187, 255, 231



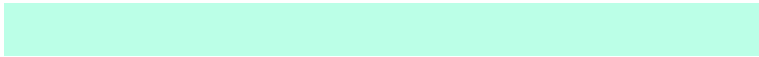
234, 237, 255



255, 228, 203

Complementary

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



187, 255, 231



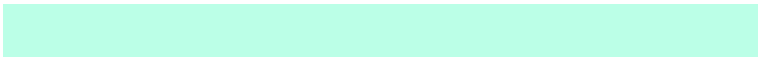
255, 187, 211

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, 225



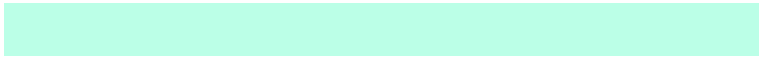
187, 255, 231



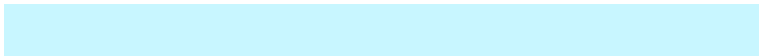
255, 229, 255

Square

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



187, 255, 231



200, 246, 255



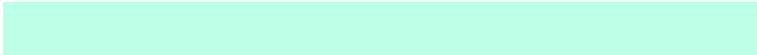
255, 224, 251



255, 236, 191

Rectangle

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



187, 255, 231



172, 254, 255



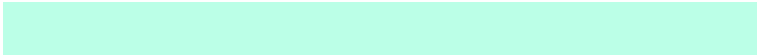
255, 224, 251



255, 226, 209

Sweetspot

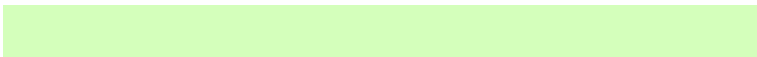
The Sweet Spot groups the original color and five complimentary colors.



187, 255, 231



235, 255, 248



212, 255, 187



115, 128, 123



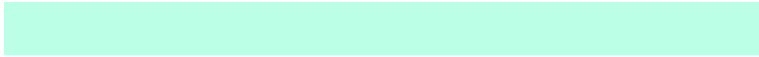
0, 0, 0



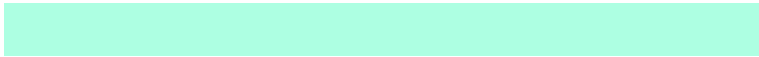
128, 128, 128

Same Dimension

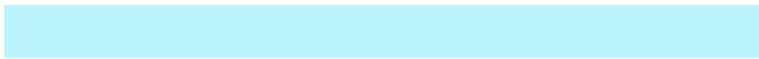
The Same Dimension uses a secret algorithm to generate beautiful new colors.



187, 255, 231



173, 255, 226



187, 246, 255



115, 128, 123



0, 191, 124



0, 64, 41

Inverse Universe

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



255, 187, 211



255, 173, 202



255, 196, 187



128, 115, 119



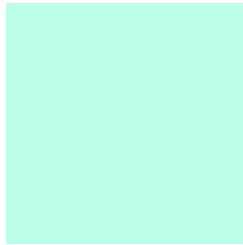
191, 0, 68



64, 0, 23

Previews

White Background



This preview shows how the RGB color 187, 255, 231 looks on a white background.

Color Contrast Check

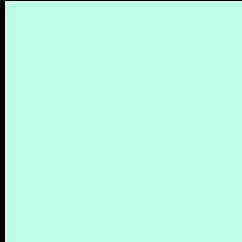
Large Text (above 18pt) WCAG AA × Fail

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, 255, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

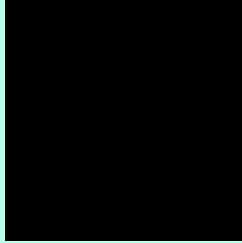
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

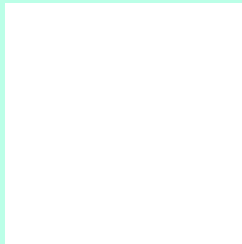
Any Text WCAG AAA ✓ Pass

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

RGB 187, 255, 231 Background



This preview shows how black text looks on a background with the RGB color 187, 255, 231.

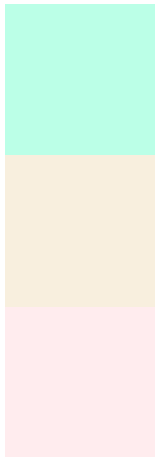


This preview shows how white text looks on a background with the RGB color 187, 255, 231.

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
187, 255, 231

Protanopia
248, 239, 222

Deuteranopia
255, 236, 238



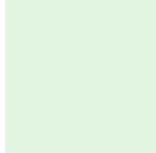
Tritanopia
219, 245, 255

Trichromacy



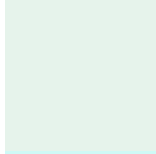
Original Color

187, 255, 231



Protanomaly

226, 245, 225



Deuteranomaly

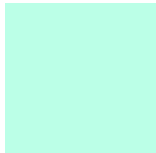
230, 243, 235



Tritanomaly

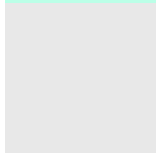
207, 249, 246

Monochromacy



Original Color

187, 255, 231



Achromatopsia

232, 232, 232



Achromatomaly

216, 240, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 255, 231 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, 255, 231)` looks like.

```
.text, #text, p{  
    color:rgb(187, 255, 231)  
}
```

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, 255, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 255, 231) }
```

Border

The CSS property to change the border of an element to RGB 187, 255, 231 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, 255, 231) }
```

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

```
.border{ border-color:rgb(187, 255, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 255, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 255, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 255, 231);  
box-shadow:4px 4px 4px 4px rgb(187, 255,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 187, 255, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 255, 231) }
```

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

```
.background{ background-color: rgb(187,  
255, 231) }
```

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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