

Converting Colors

RGB(187, 240, 132)

Have a look what the booklet for
RGB(187, 240, 132) contains.

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Color

RGB(187, 240, 132)

Conversions

Conversions Part 1

Format	Color
Hex	BBF084
RGB	187, 240, 132
RGB Percent	73%, 94%, 52%
CMY	0.2667, 0.0588, 0.4824
CMYK	0.22, 0.00, 0.45, 0.06
HSL	89°, 78%, 73%
HSV	89°, 45%, 94%
XYZ	55.8185, 74.5509, 33.2776
YIQ	211.8410, 3.0800, -44.8240

Conversions

Conversions Part 2

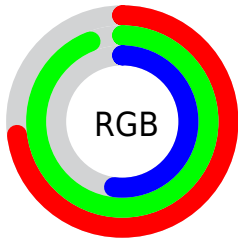
Format	Color
RYB	132, 240, 185
Decimal	12316804
CIELab	89.18, -34.66, 46.63
CIELCh	89, 58.100, 126.622
Yxy	74.5509, 0.3411, 0.4556
Android (android.graphics.Color)	4290506884 (0xFFBBF084)
YUV	211.8410, -39.3616, -21.7856
Hunter-Lab	86.3429, -35.7043, 37.5889

Details

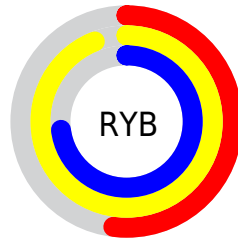
The RGB color **187, 240, 132** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **185, 132, 240**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **245, 255, 187**, and **131, 184, 80** is the 20% darker color. If you saturate the color by 10%, you get **175, 240, 108**, and if you desaturate by 10%, it is **199, 240, 156**.

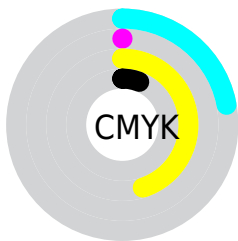
Distribution



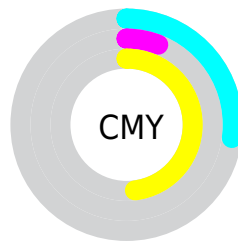
- Red (73%)
- Green (94%)
- Blue (52%)



- Red (52%)
- Yellow (94%)
- Blue (73%)



- Cyan (22%)
- Magenta (0%)
- Yellow (45%)
- Black (6%)



- Cyan (27%)
- Magenta (6%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RGB color 187, 240, 132 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, 240, 132 by changing the saturation by 10% instead.


 187, 240, 132

 187, 240, 132

255, 255, 255

 159, 212, 106

 245, 255, 187


 131, 184, 80

 255, 255, 215

 105, 157, 54

 255, 255, 244

 78, 130, 27

 51, 105, 0

 24, 80, 0

 0, 57, 0

 0, 36, 0


 0, 0, 0

 187, 240, 132


 187, 240, 132

 175, 240, 108


 199, 240, 156

 163, 240, 84

 211, 240, 180

 152, 240, 60

 222, 240, 204

 140, 240, 36

 234, 240, 228

 128, 240, 12

 246, 240, 252

 122, 240, 0

 255, 240, 255

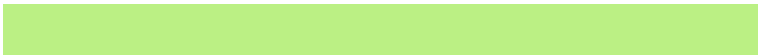
Harmonies

Analogous

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



246, 225, 111



187, 240, 132



112, 249, 178

Triad

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



187, 240, 132



0, 242, 255



255, 178, 214

Complementary

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



187, 240, 132



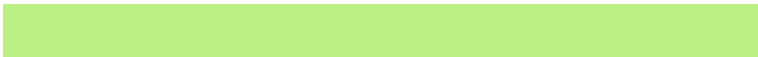
185, 132, 240

Split Complementary

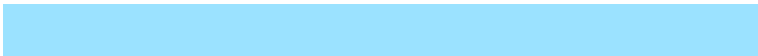
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 186, 255



187, 240, 132



155, 226, 255

Square

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



187, 240, 132



0, 250, 255



245, 205, 255



255, 187, 161

Rectangle

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



187, 240, 132



0, 252, 216



245, 205, 255



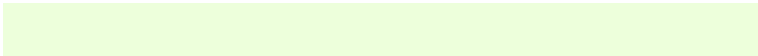
255, 179, 233

Sweetspot

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



187, 240, 132



237, 255, 219



240, 184, 132



117, 128, 106



0, 0, 0



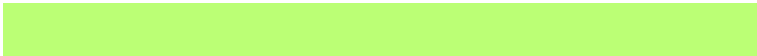
128, 128, 128

Same Dimension

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



187, 240, 132



187, 255, 117



134, 240, 132



114, 120, 108



93, 184, 0



29, 56, 0

Inverse Universe

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



185, 132, 240



185, 117, 255



238, 132, 240



114, 108, 120



90, 0, 184



28, 0, 56

Previews

White Background



This preview shows how the RGB color 187, 240, 132 looks on a white background.

Color Contrast Check

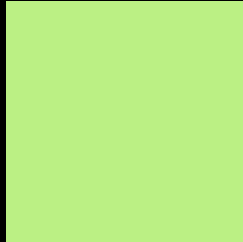
Large Text (above 18pt) WCAG AA × Fail

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, 240, 132 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, 240, 132 Background



This preview shows how black text looks on a background with the RGB color 187, 240, 132.



This preview shows how white text looks on a background with the RGB color 187, 240, 132.

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





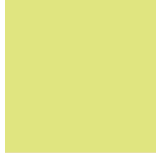
Tritanopia
203, 227, 245

Trichromacy



Original Color

187, 240, 132



Protanomaly

224, 229, 128



Deuteranomaly

230, 225, 159



Tritanomaly

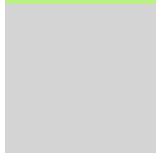
197, 232, 204

Monochromacy



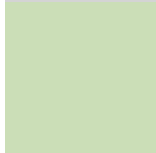
Original Color

187, 240, 132



Achromatopsia

212, 212, 212



Achromatomaly

203, 222, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 187, 240, 132 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, 240, 132)` looks like.

```
.text, #text, p{  
    color:rgb(187, 240, 132)  
}
```

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, 240, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 240, 132) }
```

Border

The CSS property to change the border of an element to RGB 187, 240, 132 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, 240, 132) }
```

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

```
.border{ border-color:rgb(187, 240, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 240, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 240, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 240, 132); box-shadow:4px 4px 4px 4px rgb(187, 240, 132) }
```

Background

The CSS property to change the background color of an element to RGB 187, 240, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 240, 132) }
```

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

```
.background{ background-color: rgb(187,  
240, 132) }
```

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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