

Converting Colors

`RYB(187, 255, 235)`

Have a look what the booklet for
RYB(187, 255, 235) contains.

RYB(187, 255, 235)	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

R_YB(187, 255, 235)

Conversions

Conversions Part 1

Format	Color
Hex	CFFFBB
RGB	207, 255, 187
RGB Percent	81%, 100%, 73%
CMY	0.1882, 0.0000, 0.2667
CMYK	0.19, 0.00, 0.27, 0.00
HSL	102°, 100%, 87%
HSV	102°, 27%, 100%
XYZ	70.4618, 88.3733, 60.3577
YIQ	232.8960, -6.7800, -31.3240

Conversions

Conversions Part 2

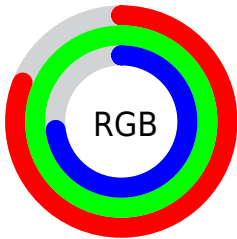
Format	Color
RYB	187, 255, 235
Decimal	13631419
CIELab	95.32, -27.29, 27.63
CIELCh	95, 38.841, 134.646
Yxy	88.3733, 0.3215, 0.4032
Android (android.graphics.Color)	4291821499 (0xFFCFFFBB)
YUV	232.8960, -22.6267, -22.7108
Hunter-Lab	94.0070, -30.7200, 27.7375

Details

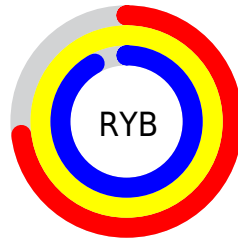
The RYB color **187, 255, 235** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **235, 187, 255**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **243, 255, 243**, and **133, 198, 179** is the 20% darker color. If you saturate the color by 10%, you get **162, 255, 228**, and if you desaturate by 10%, it is **212, 255, 242**.

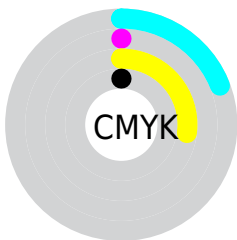
Distribution



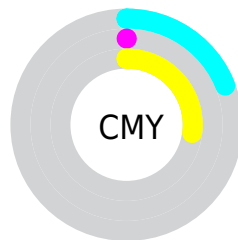
- Red (81%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (92%)



- Cyan (19%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (19%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 187, 255, 235 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 RYB color 187, 255, 235 by changing the saturation by 10% instead.

 187, 255, 235

255, 255, 255


 243, 255, 243


 187, 255, 235

 160, 226, 207

 133, 198, 179

 108, 171, 154

 83, 144, 128

 59, 118, 103

 36, 93, 80

 13, 69, 58

 0, 46, 44

 0, 27, 27

■ 187, 255, 235

■ 187, 255, 235

■ 162, 255, 228

■ 212, 255, 242

■ 136, 255, 220

■ 238, 255, 250

■ 110, 255, 212

255, 255, 255

■ 85, 255, 205

■ 59, 255, 197

■ 34, 255, 190

■ 8, 255, 182

■ 0, 255, 180

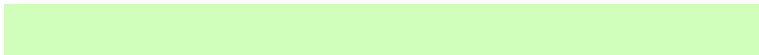
Harmonies

Analogous

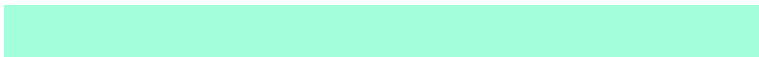
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



172, 249, 168



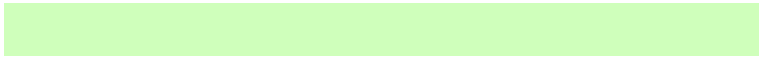
187, 255, 235



163, 220, 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, 235



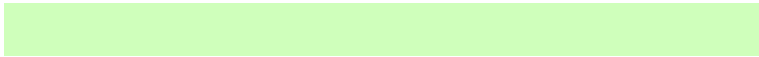
164, 208, 255



255, 214, 224

Complementary

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



187, 255, 235



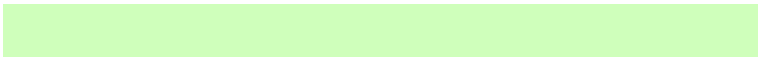
235, 187, 255

Split Complementary

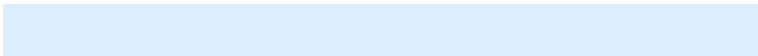
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 216, 255



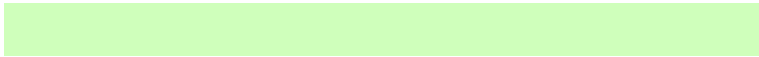
187, 255, 235



220, 232, 255

Square

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



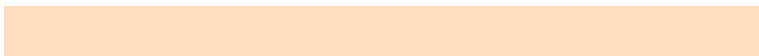
187, 255, 235



125, 190, 255



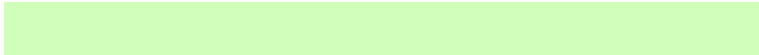
255, 225, 255



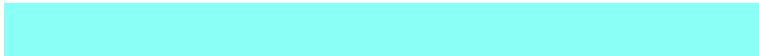
255, 249, 190

Rectangle

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



187, 255, 235



138, 199, 255



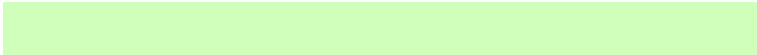
255, 225, 255



255, 213, 237

Sweetspot

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



187, 255, 235



235, 255, 249



215, 255, 187



115, 128, 124



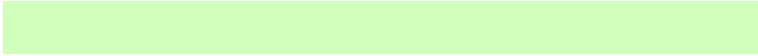
0, 0, 0



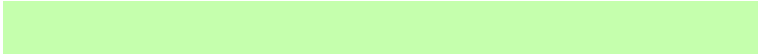
128, 128, 128

Same Dimension

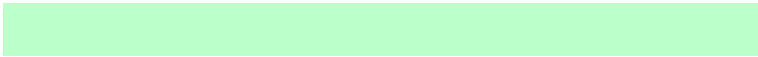
The Same Dimension uses a secret algorithm to generate beautiful new colors.



187, 255, 235



173, 255, 231



187, 243, 255



115, 128, 124



0, 191, 135



0, 64, 45

Inverse Universe

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



235, 187, 255



231, 173, 255



255, 187, 241



124, 115, 128



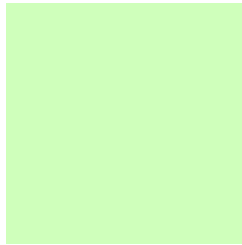
135, 0, 191



45, 0, 64

Previews

White Background



This preview shows how the RYB color 187, 255, 235 looks on a white background.

Color Contrast Check

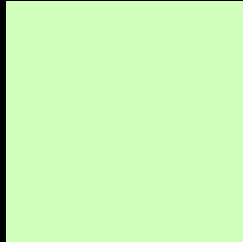
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 187, 255, 235 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

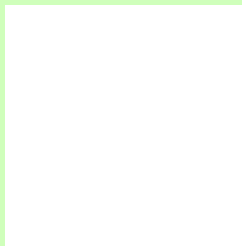
Any Text WCAG AAA ✓ Pass

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

RYB 187, 255, 235 Background



This preview shows how black text looks on a background with the RYB color 187, 255, 235.

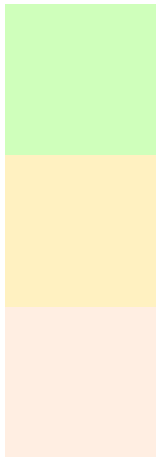


This preview shows how white text looks on a background with the RYB color 187, 255, 235.

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, 235

Protanopia
211, 255, 193

Deuteranopia
255, 246, 226



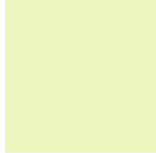
Tritanopia
229, 238, 255

Trichromacy



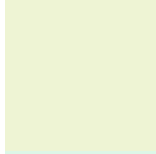
Original Color

187, 255, 235



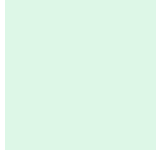
Protanomaly

191, 246, 199



Deuteranomaly

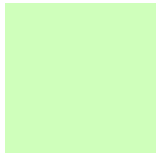
212, 244, 218



Tritanomaly

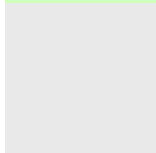
221, 240, 247

Monochromacy



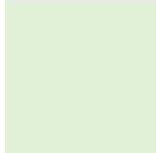
Original Color

187, 255, 235



Achromatopsia

233, 233, 233



Achromatomaly

216, 241, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 255, 235 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(207, 255, 187)` looks like.

```
.text, #text, p{  
    color:rgb(207, 255, 187)  
}
```

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(207, 255, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 187) }
```

Border

The CSS property to change the border of an element to RYB 187, 255, 235 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(207, 255, 187) }
```

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

```
.border{ border-color:rgb(207, 255, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 255, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 255, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 255, 187);  
box-shadow:4px 4px 4px 4px rgb(207, 255,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 187, 255, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 255, 187) }
```

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

```
.background{ background-color: rgb(207,  
255, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor