

Converting Colors

`RYB(150, 255, 181)`

Have a look what the booklet for
RYB(150, 255, 181) contains.

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Color

R_YB(150, 255, 181)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E0FF96 |
| RGB | 224, 255, 150 |
| RGB Percent | 88%, 100%, 59% |
| CMY | 0.1216, 0.0000, 0.4118 |
| CMYK | 0.12, 0.00, 0.41, 0.00 |
| HSL | 78°, 100%, 79% |
| HSV | 78°, 41%, 100% |
| XYZ | 72.0055, 89.5693, 42.3477 |
| YIQ | 233.7610, 15.2290, -39.2270 |

Conversions

Conversions Part 2

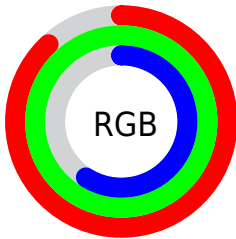
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 150, 255, 181 |
| Decimal | 14745494 |
| CIELab | 95.82, -26.17, 46.80 |
| CIELCh | 96, 53.620, 119.212 |
| Yxy | 89.5693, 0.3531, 0.4392 |
| Android (android.graphics.Color) | 4292935574 (0xFFE0FF96) |
| YUV | 233.7610, -41.2942, -8.5604 |
| Hunter-Lab | 94.6411, -29.8142, 39.7191 |

Details

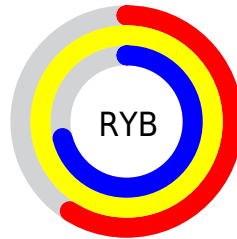
The RYB color **150, 255, 181** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **181, 150, 255**, and the grayscale version is **234, 234, 234**.

A 20% lighter version of the original color is **205, 255, 205**, and **97, 198, 128** is the 20% darker color. If you saturate the color by 10%, you get **125, 255, 164**, and if you desaturate by 10%, it is **176, 255, 199**.

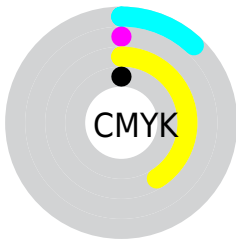
Distribution



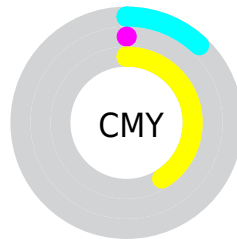
- Red (88%)
- Green (100%)
- Blue (59%)



- Red (59%)
- Yellow (100%)
- Blue (71%)



- Cyan (12%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)



- Cyan (12%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 255, 181 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 150, 255, 181 by changing the saturation by 10% instead.

 150, 255, 181


255, 255, 255


 205, 255, 205

 234, 255, 234

 150, 255, 181


 123, 226, 154

 97, 198, 128

 71, 171, 102

 46, 144, 77

 17, 119, 49

 0, 94, 33

 0, 70, 33

 0, 47, 41

 0, 29, 29

 150, 255, 181

 150, 255, 181

 125, 255, 164

 176, 255, 199

 99, 255, 145

 201, 255, 217

 74, 255, 128

 227, 255, 235

 48, 255, 109

 252, 255, 253

 23, 255, 92

 255, 255, 255

 0, 255, 75

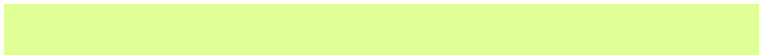
Harmonies

Analogous

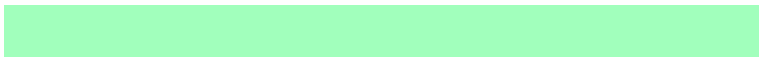
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



157, 255, 138



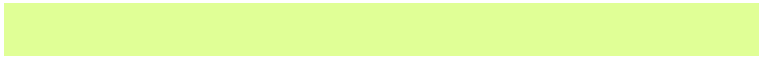
150, 255, 181



161, 234, 255

Triad

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



150, 255, 181



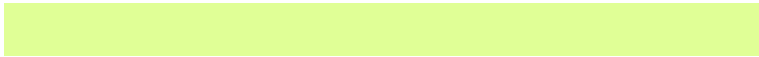
29, 142, 255



255, 202, 246

Complementary

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



150, 255, 181



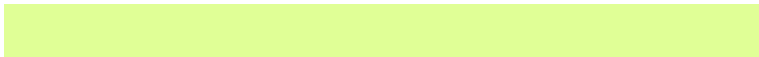
181, 150, 255

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, 212, 255



150, 255, 181



161, 206, 255

Square

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



150, 255, 181



0, 128, 255



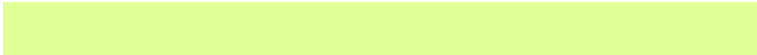
246, 230, 255



255, 208, 195

Rectangle

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



150, 255, 181



111, 192, 255



246, 230, 255



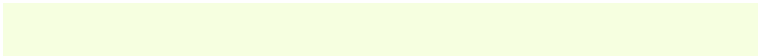
255, 204, 255

Sweetspot

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



150, 255, 181



224, 255, 233



255, 192, 150



110, 128, 116



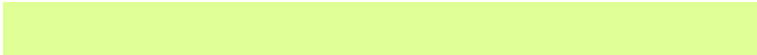
0, 0, 0



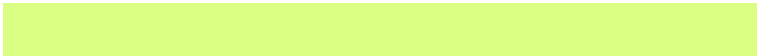
128, 128, 128

Same Dimension

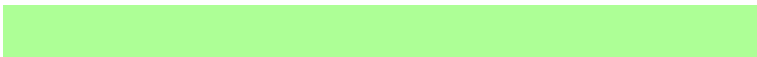
The Same Dimension uses a secret algorithm to generate beautiful new colors.



150, 255, 181



130, 255, 167



150, 255, 232



115, 128, 119



0, 191, 56



0, 64, 19

Inverse Universe

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



181, 150, 255



167, 130, 255



232, 150, 255



119, 115, 128



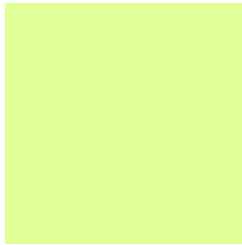
56, 0, 191



19, 0, 64

Previews

White Background



This preview shows how the RYB color 150, 255, 181 looks on a white background.

Color Contrast Check

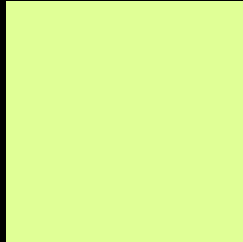
Large Text (above 18pt) WCAG AA × Fail

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 150, 255, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

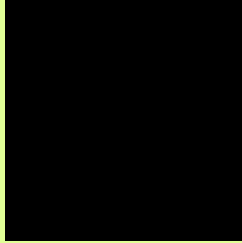
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

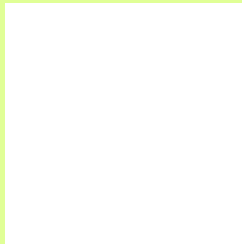
Any Text WCAG AAA ✓ Pass

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

RYB 150, 255, 181 Background



This preview shows how black text looks on a background with the RYB color 150, 255, 181.

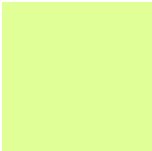
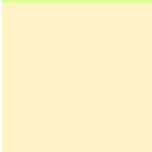


This preview shows how white text looks on a background with the RYB color 150, 255, 181.

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

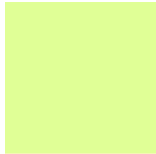
| | |
|---|--|
|  | Original Color 150, 255, 181 |
|  | Protanopia 213, 255, 198 |
|  | Deuteranopia 255, 253, 226 |



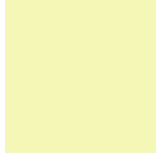
Tritanopia

240, 242, 255

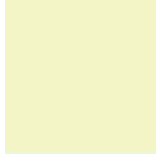
Trichromacy



Original Color
150, 255, 181



Protanomaly
181, 247, 184

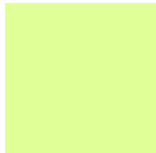


Deuteranomaly
198, 245, 199

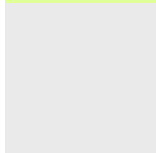


Tritanomaly
217, 247, 230

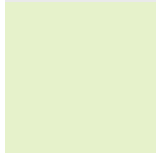
Monochromacy



Original Color
150, 255, 181



Achromatopsia
234, 234, 234



Achromatomaly
203, 242, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 150, 255, 181 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(224, 255, 150)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 150)  
}
```

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(224, 255, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 150) }
```

Border

The CSS property to change the border of an element to RYB 150, 255, 181 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(224, 255, 150) }
```

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

```
.border{ border-color:rgb(224, 255, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 255, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 150);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 150, 255, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 150) }
```

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

```
.background{ background-color: rgb(224,  
255, 150) }
```

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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