

Converting Colors

`RYB(150, 255, 210)`

Have a look what the booklet for
RYB(150, 255, 210) contains.

RYB(150, 255, 210)	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(150, 255, 210)

Conversions

Conversions Part 1

Format	Color
Hex	C3FF96
RGB	195, 255, 150
RGB Percent	76%, 100%, 59%
CMY	0.2353, 0.0000, 0.4118
CMYK	0.24, 0.00, 0.41, 0.00
HSL	94°, 100%, 79%
HSV	94°, 41%, 100%
XYZ	63.7707, 85.3241, 41.9623
YIQ	225.0900, -2.0550, -45.3750

Conversions

Conversions Part 2

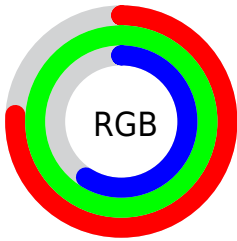
Format	Color
RYB	150, 255, 210
Decimal	12844950
CIELab	94.02, -36.51, 44.15
CIELCh	94, 57.293, 129.593
Yxy	85.3241, 0.3338, 0.4466
Android (android.graphics.Color)	4291035030 (0xFFC3FF96)
YUV	225.0900, -37.0194, -26.3889
Hunter-Lab	92.3711, -38.4173, 37.7255

Details

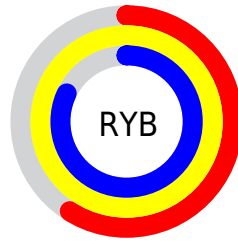
The RYB color **150, 255, 210** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **210, 150, 255**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **205, 255, 207**, and **97, 198, 156** is the 20% darker color. If you saturate the color by 10%, you get **125, 255, 200**, and if you desaturate by 10%, it is **176, 255, 221**.

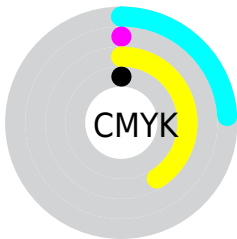
Distribution



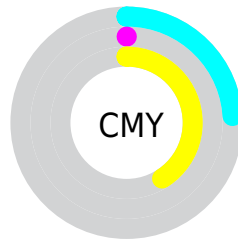
- Red (76%)
- Green (100%)
- Blue (59%)



- Red (59%)
- Yellow (100%)
- Blue (82%)



- Cyan (24%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 255, 210 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, 210 by changing the saturation by 10% instead.

 150, 255, 210


255, 255, 255


 205, 255, 207


 234, 255, 234

 150, 255, 210


 123, 226, 182

 97, 198, 156

 72, 170, 130

 46, 144, 105

 19, 118, 78

 0, 93, 63

 0, 68, 68

 0, 46, 46

 0, 23, 23

■ 150, 255, 210

■ 150, 255, 210

■ 125, 255, 200

■ 176, 255, 221

■ 99, 255, 188

■ 201, 255, 232

■ 74, 255, 178

■ 227, 255, 243

■ 48, 255, 166

■ 252, 255, 254

■ 23, 255, 156

255, 255, 255

■ 0, 255, 146

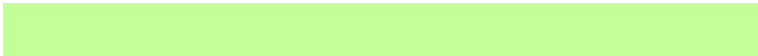
Harmonies

Analogous

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



143, 255, 126



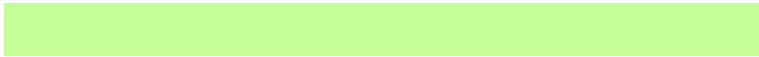
150, 255, 210



120, 206, 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, 210



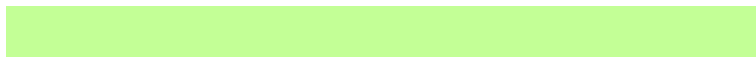
38, 146, 255



255, 193, 222

Complementary

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



150, 255, 210



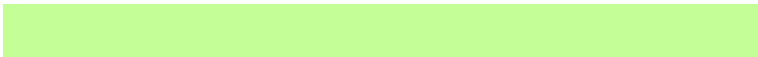
210, 150, 255

Split Complementary

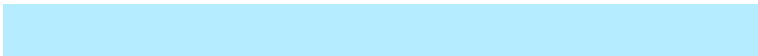
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 199, 255



150, 255, 210



182, 213, 255

Square

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



150, 255, 210



0, 128, 255



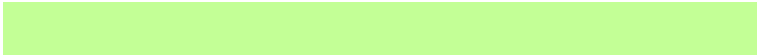
255, 217, 255



255, 224, 170

Rectangle

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



150, 255, 210



32, 149, 255



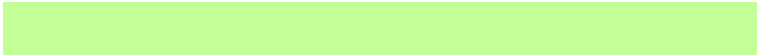
255, 217, 255



255, 193, 241

Sweetspot

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



150, 255, 210



224, 255, 241



229, 255, 150



110, 128, 121



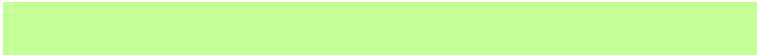
0, 0, 0



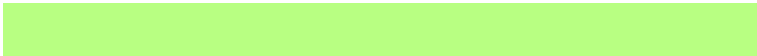
128, 128, 128

Same Dimension

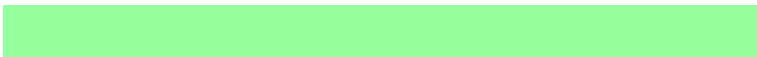
The Same Dimension uses a secret algorithm to generate beautiful new colors.



150, 255, 210



130, 255, 201



150, 248, 255



115, 128, 123



0, 191, 109



0, 64, 37

Inverse Universe

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



210, 150, 255



201, 130, 255



255, 150, 248



122, 115, 128



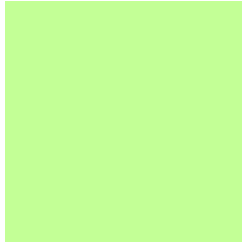
109, 0, 191



36, 0, 64

Previews

White Background



This preview shows how the RYB color 150, 255, 210 looks on a white background.

Color Contrast Check

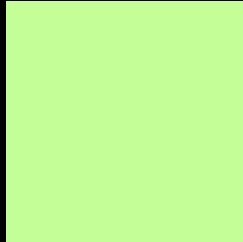
Large Text (above 18pt) WCAG AA × Fail

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, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

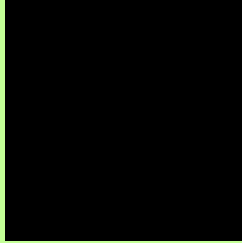
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

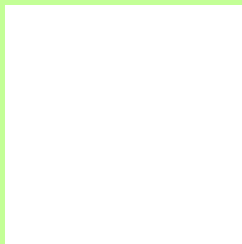
Any Text WCAG AAA ✓ Pass

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

RYB 150, 255, 210 Background



This preview shows how black text looks on a background with the RYB color 150, 255, 210.

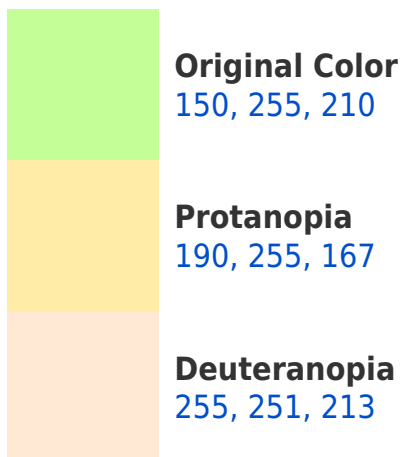


This preview shows how white text looks on a background with the RYB color 150, 255, 210.

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





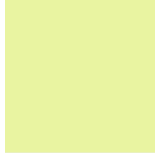
Tritanopia
219, 233, 255

Trichromacy



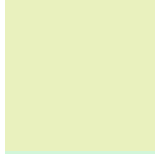
Original Color

150, 255, 210



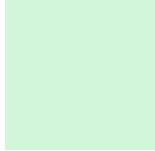
Protanomaly

161, 244, 172



Deuteranomaly

190, 241, 198



Tritanomaly

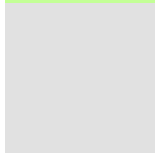
210, 240, 246

Monochromacy



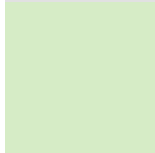
Original Color

150, 255, 210



Achromatopsia

225, 225, 225



Achromatomaly

198, 236, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 255, 210 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(195, 255, 150)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 255, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 255, 150) }
```

Border

The CSS property to change the border of an element to RYB 150, 255, 210 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(195, 255, 150) }
```

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

```
.border{ border-color:rgb(195, 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(195, 255, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 255, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 255, 150);  
box-shadow:4px 4px 4px 4px rgb(195, 255,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 150, 255, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 255, 150) }
```

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

```
.background{ background-color: rgb(195,  
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](#).

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