

Converting Colors

`RYB(150, 252, 249)`

Have a look what the booklet for
RYB(150, 252, 249) contains.

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Color

R_YB(150, 252, 249)

Conversions

Conversions Part 1

Format	Color
Hex	99FC96
RGB	153, 252, 150
RGB Percent	60%, 99%, 59%
CMY	0.4000, 0.0118, 0.4118
CMYK	0.39, 0.00, 0.40, 0.01
HSL	118°, 94%, 79%
HSV	118°, 40%, 99%
XYZ	53.4523, 78.5951, 41.2073
YIQ	210.7710, -26.2620, -52.7100

Conversions

Conversions Part 2

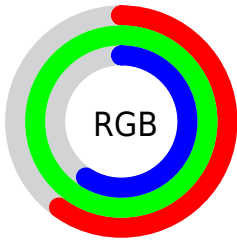
Format	Color
RYB	150, 252, 249
Decimal	10091670
CIELab	91.05, -48.71, 39.90
CIELCh	91, 62.972, 140.678
Yxy	78.5951, 0.3085, 0.4536
Android (android.graphics.Color)	4288281750 (0xFF99FC96)
YUV	210.7710, -29.9601, -50.6652
Hunter-Lab	88.6539, -47.5209, 34.4991

Details

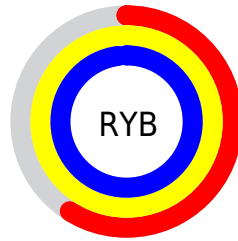
The RYB color **150, 252, 249** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **249, 150, 252**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **205, 255, 249**, and **96, 193, 195** is the 20% darker color. If you saturate the color by 10%, you get **125, 252, 248**, and if you desaturate by 10%, it is **175, 252, 250**.

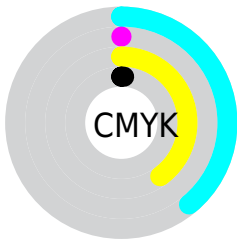
Distribution



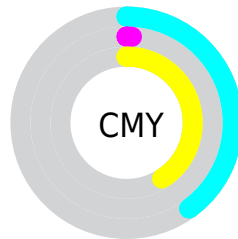
- Red (60%)
- Green (99%)
- Blue (59%)



- Red (59%)
- Yellow (99%)
- Blue (98%)



- Cyan (39%)
- Magenta (0%)
- Yellow (40%)
- Black (1%)



- Cyan (40%)
- Magenta (1%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 252, 249 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, 252, 249 by changing the saturation by 10% instead.

 150, 252, 249


255, 255, 255


 205, 255, 249


 234, 255, 249

 150, 252, 249


 123, 223, 221

 96, 193, 195

 67, 162, 167

 33, 128, 140

 0, 96, 114

 0, 88, 88

 0, 64, 64

 0, 43, 43

 0, 7, 7

 150, 252, 249

 150, 252, 249

 125, 252, 248

 175, 252, 250


 100, 252, 248

 200, 252, 250

 74, 252, 246

 226, 252, 252

 49, 252, 246

 251, 252, 252

 24, 252, 245

 255, 252, 255

 0, 252, 245

Harmonies

Analogous

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



112, 239, 127



150, 252, 249



2, 141, 255

Triad

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



150, 252, 249



54, 151, 255



255, 181, 190

Complementary

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



150, 252, 249



249, 150, 252

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, 180, 251



150, 252, 249



203, 216, 255

Square

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



150, 252, 249



0, 127, 255



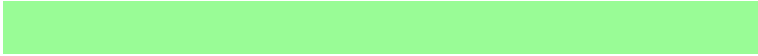
255, 197, 255



253, 255, 138

Rectangle

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



150, 252, 249



0, 129, 255



255, 197, 255



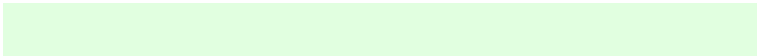
255, 178, 210

Sweetspot

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



150, 252, 249



224, 255, 254



153, 252, 150



110, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

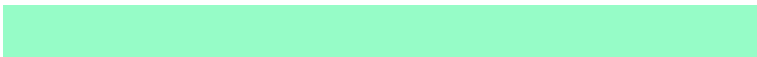
The Same Dimension uses a secret algorithm to generate beautiful new colors.



150, 252, 249



130, 255, 251



150, 219, 252



112, 125, 124



0, 189, 183



0, 61, 59

Inverse Universe

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



249, 150, 252



251, 130, 255



252, 150, 204



125, 112, 125



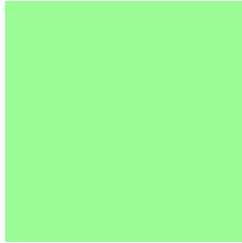
183, 0, 189



59, 0, 61

Previews

White Background



This preview shows how the RYB color 150, 252, 249 looks on a white background.

Color Contrast Check

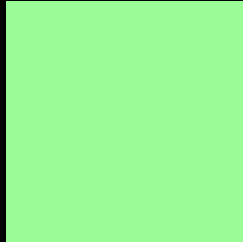
Large Text (above 18pt) WCAG AA × Fail

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, 252, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

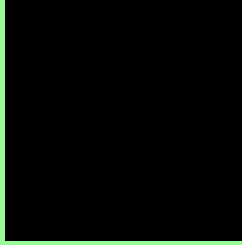
Any Text WCAG AA ✓ Pass

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, 252, 249 Background



This preview shows how black text looks on a background with the RYB color 150, 252, 249.

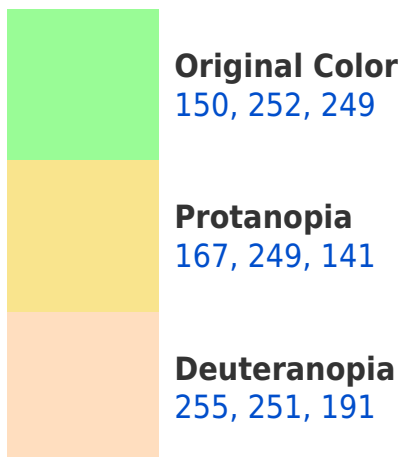


This preview shows how white text looks on a background with the RYB color 150, 252, 249.

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
181, 213, 255

Trichromacy



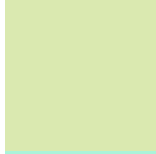
Original Color

150, 252, 249



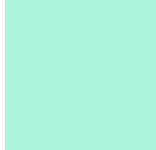
Protanomaly

144, 237, 167



Deuteranomaly

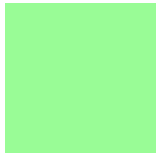
176, 233, 191



Tritanomaly

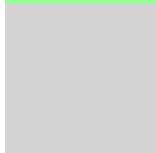
171, 215, 243

Monochromacy



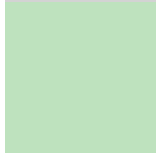
Original Color

150, 252, 249



Achromatopsia

211, 211, 211



Achromatomaly

189, 226, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 252, 249 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(153, 252, 150)` looks like.

```
.text, #text, p{  
    color:rgb(153, 252, 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(153, 252, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 252, 150) }
```

Border

The CSS property to change the border of an element to RYB 150, 252, 249 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(153, 252, 150) }
```

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

```
.border{ border-color:rgb(153, 252, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 252, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 252, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 252, 150); box-shadow:4px 4px 4px 4px rgb(153, 252, 150) }
```

Background

The CSS property to change the background color of an element to RYB 150, 252, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 252, 150) }
```

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

```
.background{ background-color: rgb(153,  
252, 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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