

Converting Colors

`RYB(165, 252, 250)`

Have a look what the booklet for
RYB(165, 252, 250) contains.

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Color

R_YB(165, 252, 250)

Conversions

Conversions Part 1

Format	Color
Hex	A7FCA5
RGB	167, 252, 165
RGB Percent	65%, 99%, 65%
CMY	0.3451, 0.0118, 0.3529
CMYK	0.34, 0.00, 0.35, 0.01
HSL	119°, 94%, 82%
HSV	119°, 35%, 99%
XYZ	57.5383, 80.5529, 48.1130
YIQ	216.6670, -22.7330, -45.0770

Conversions

Conversions Part 2

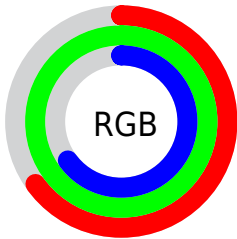
Format	Color
RYB	165, 252, 250
Decimal	11009189
CIELab	91.93, -42.26, 33.76
CIElCh	92, 54.084, 141.380
Yxy	80.5529, 0.3090, 0.4326
Android (android.graphics.Color)	4289199269 (0xFFA7FCA5)
YUV	216.6670, -25.4718, -43.5580
Hunter-Lab	89.7513, -42.6309, 31.0423

Details

The RYB color **165, 252, 250** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **250, 165, 252**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **221, 255, 252**, and **111, 194, 195** is the 20% darker color. If you saturate the color by 10%, you get **140, 252, 250**, and if you desaturate by 10%, it is **190, 252, 250**.

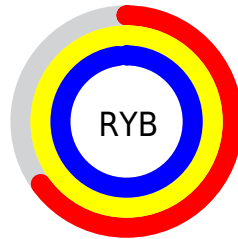
Distribution



Red (65%)

Green (99%)

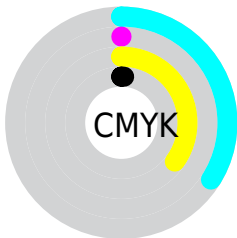
Blue (65%)



Red (65%)

Yellow (99%)

Blue (98%)

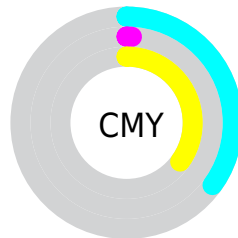


Cyan (34%)

Magenta (0%)

Yellow (35%)

Black (1%)



Cyan (35%)

Magenta (1%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 252, 250 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 165, 252, 250 by changing the saturation by 10% instead.

 165, 252, 250


255, 255, 255


 221, 255, 252


 249, 255, 250


 165, 252, 250

 138, 223, 222

 111, 194, 195

 84, 164, 167


 56, 134, 140

 24, 101, 114

 0, 77, 89

 0, 65, 65

 0, 43, 43

 0, 13, 13

 165, 252, 250

 165, 252, 250

 140, 252, 250

 190, 252, 250

 115, 252, 249

 215, 252, 251

 89, 252, 248

 241, 252, 252

 64, 252, 247

 255, 252, 255

 39, 252, 247

 14, 252, 247

 0, 252, 246

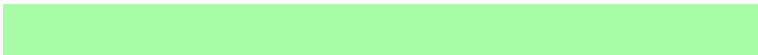
Harmonies

Analogous

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



133, 240, 146



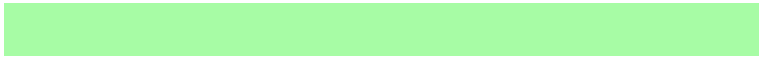
165, 252, 250



89, 183, 255

Triad

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



165, 252, 250



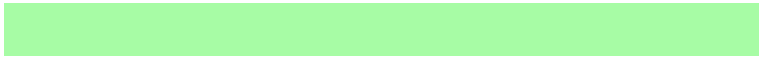
118, 183, 255



255, 192, 197

Complementary

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



165, 252, 250



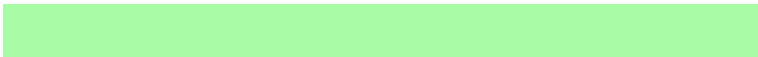
250, 165, 252

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, 192, 249



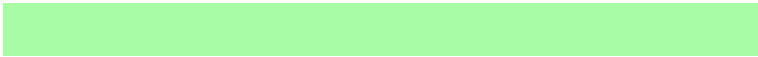
165, 252, 250



214, 222, 255

Square

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



165, 252, 250



0, 127, 255



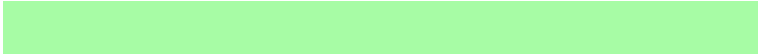
255, 205, 255



251, 255, 153

Rectangle

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



165, 252, 250



0, 129, 255



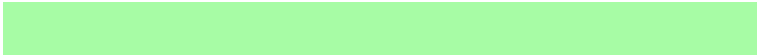
255, 205, 255



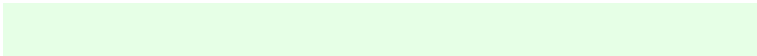
255, 190, 214

Sweetspot

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



165, 252, 250



230, 255, 255



168, 252, 165



112, 128, 127



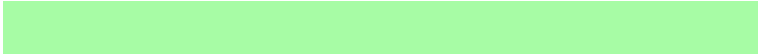
0, 0, 0



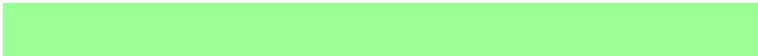
128, 128, 128

Same Dimension

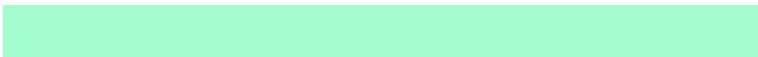
The Same Dimension uses a secret algorithm to generate beautiful new colors.



165, 252, 250



150, 255, 252



165, 224, 252



112, 125, 124



0, 189, 185



0, 61, 60

Inverse Universe

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



250, 165, 252



253, 150, 255



252, 165, 211



125, 112, 125



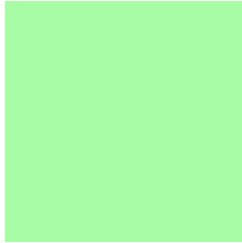
184, 0, 189



60, 0, 61

Previews

White Background



This preview shows how the RYB color 165, 252, 250 looks on a white background.

Color Contrast Check

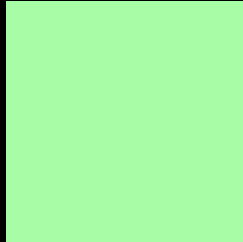
Large Text (above 18pt) WCAG AA × Fail

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 165, 252, 250 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 165, 252, 250 Background



This preview shows how black text looks on a background with the RYB color 165, 252, 250.

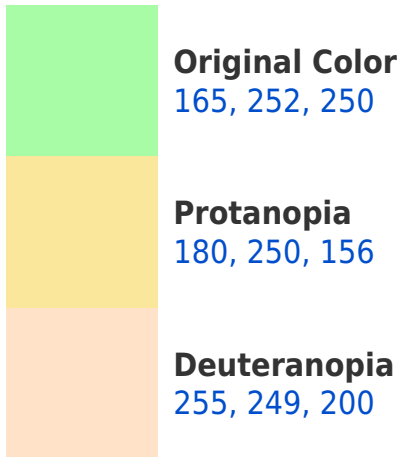



This preview shows how white text looks on a background with the RYB color 165, 252, 250.

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





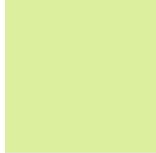
Tritanopia
193, 219, 255

Trichromacy



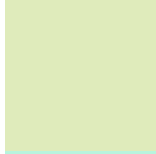
Original Color

165, 252, 250



Protanomaly

159, 239, 178



Deuteranomaly

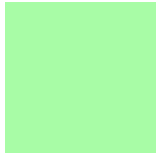
187, 235, 199



Tritanomaly

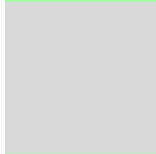
184, 221, 244

Monochromacy



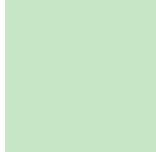
Original Color

165, 252, 250



Achromatopsia

217, 217, 217



Achromatomaly

198, 230, 229

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 252, 250 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(167, 252, 165)` looks like.

```
.text, #text, p{  
    color:rgb(167, 252, 165)  
}
```

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(167, 252, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 252, 165) }
```

Border

The CSS property to change the border of an element to RYB 165, 252, 250 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(167, 252, 165) }
```

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

```
.border{ border-color:rgb(167, 252, 165) }
```

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

Here you see how a box with a 4 pixel rgb(167, 252, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 252, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 252, 165);  
box-shadow:4px 4px 4px 4px rgb(167, 252,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 165, 252, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 252, 165) }
```

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

```
.background{ background-color: rgb(167,  
252, 165) }
```

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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