

Converting Colors

`RYB(164, 249, 248)`

Have a look what the booklet for RYB(164, 249, 248) contains.

RYB(164, 249, 248)	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(164, 249, 248)

Conversions

Conversions Part 1

Format	Color
Hex	A5F9A4
RGB	165, 249, 164
RGB Percent	65%, 98%, 64%
CMY	0.3529, 0.0235, 0.3569
CMYK	0.34, 0.00, 0.34, 0.02
HSL	119°, 88%, 81%
HSV	119°, 34%, 98%
XYZ	56.0936, 78.4310, 47.3042
YIQ	214.1940, -22.7790, -44.2430

Conversions

Conversions Part 2

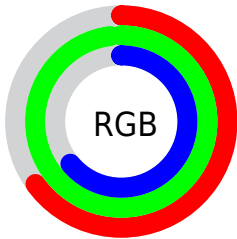
Format	Color
RYB	164, 249, 248
Decimal	10877348
CIELab	90.98, -41.70, 32.97
CIElCh	91, 53.160, 141.675
Yxy	78.4310, 0.3085, 0.4313
Android (android.graphics.Color)	4289067428 (0xFFA5F9A4)
YUV	214.1940, -24.7456, -43.1431
Hunter-Lab	88.5613, -41.9227, 30.3237

Details

The RYB color **164, 249, 248** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **248, 164, 249**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **220, 255, 253**, and **110, 191, 192** is the 20% darker color. If you saturate the color by 10%, you get **139, 249, 248**, and if you desaturate by 10%, it is **189, 249, 248**.

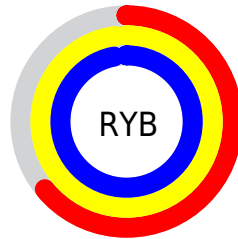
Distribution



Red (65%)

Green (98%)

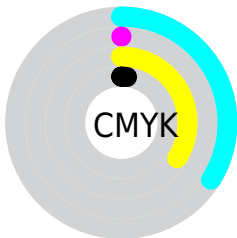
Blue (64%)



Red (64%)

Yellow (98%)

Blue (97%)

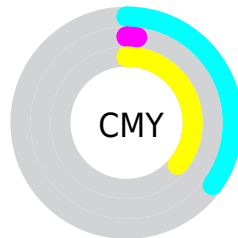


Cyan (34%)

Magenta (0%)

Yellow (34%)

Black (2%)



Cyan (35%)

Magenta (2%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 249, 248 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 164, 249, 248 by changing the saturation by 10% instead.

 164, 249, 248


255, 255, 255


 220, 255, 253


 248, 255, 251

 164, 249, 248

 137, 220, 220

 110, 191, 192

 82, 161, 165

 54, 131, 138

 22, 98, 112

 0, 76, 87

 0, 62, 62

 0, 41, 41

 0, 7, 7

 164, 249, 248

 164, 249, 248

 139, 249, 248

 189, 249, 248

 114, 249, 247

 214, 249, 249

 89, 249, 247

 239, 249, 249

 64, 249, 246

 255, 249, 255

 40, 249, 247

 15, 249, 247

 0, 249, 246

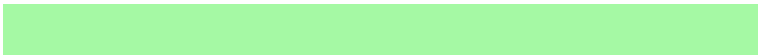
Harmonies

Analogous

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



132, 238, 146



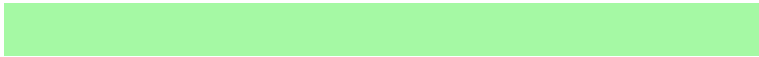
164, 249, 248



89, 184, 255

Triad

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



164, 249, 248



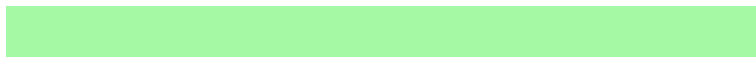
120, 183, 255



255, 190, 194

Complementary

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



164, 249, 248



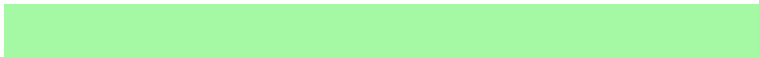
248, 164, 249

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, 190, 246



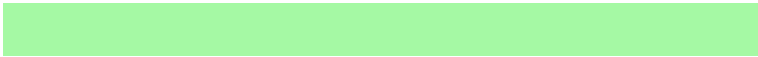
164, 249, 248



213, 220, 255

Square

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



164, 249, 248



0, 126, 255



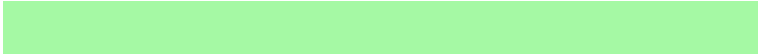
255, 202, 255



255, 255, 151

Rectangle

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



164, 249, 248



0, 129, 255



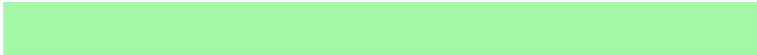
255, 202, 255



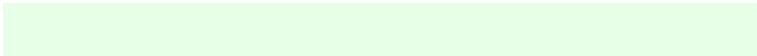
255, 188, 211

Sweetspot

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



164, 249, 248



230, 255, 255



165, 249, 164



112, 128, 128



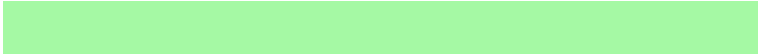
0, 0, 0



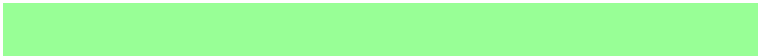
128, 128, 128

Same Dimension

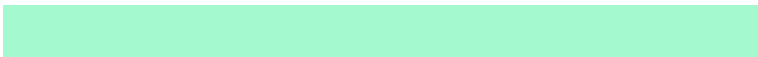
The Same Dimension uses a secret algorithm to generate beautiful new colors.



164, 249, 248



150, 255, 253



164, 221, 249



112, 125, 124



0, 189, 187



0, 61, 60

Inverse Universe

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



248, 164, 249



254, 150, 255



249, 164, 208



125, 112, 125



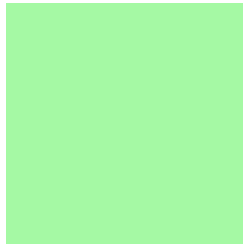
186, 0, 189



60, 0, 61

Previews

White Background



This preview shows how the RYB color 164, 249, 248 looks on a white background.

Color Contrast Check

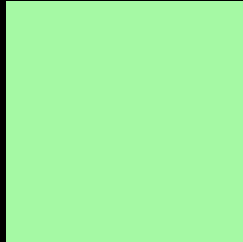
Large Text (above 18pt) WCAG AA × Fail

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 164, 249, 248 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 164, 249, 248 Background



This preview shows how black text looks on a background with the RYB color 164, 249, 248.

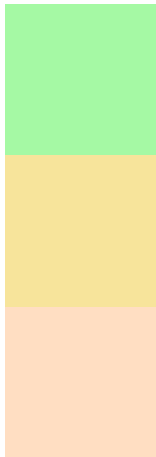


This preview shows how white text looks on a background with the RYB color 164, 249, 248.

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
164, 249, 248

Protanopia
179, 247, 155

Deuteranopia
255, 246, 194



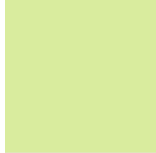
Tritanopia
185, 215, 255

Trichromacy



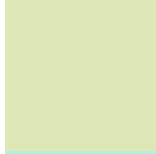
Original Color

164, 249, 248



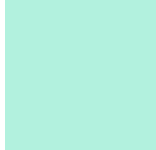
Protanomaly

158, 236, 177



Deuteranomaly

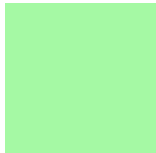
183, 232, 193



Tritanomaly

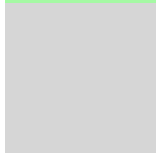
178, 215, 241

Monochromacy



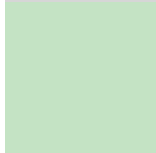
Original Color

164, 249, 248



Achromatopsia

214, 214, 214



Achromatomaly

196, 227, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 249, 248 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(165, 249, 164)` looks like.

```
.text, #text, p{  
    color:rgb(165, 249, 164)  
}
```

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(165, 249, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 249, 164) }
```

Border

The CSS property to change the border of an element to RYB 164, 249, 248 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(165, 249, 164) }
```

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

```
.border{ border-color:rgb(165, 249, 164) }
```

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

Here you see how a box with a 4 pixel rgb(165, 249, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 249, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 249, 164);  
box-shadow:4px 4px 4px 4px rgb(165, 249,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 164, 249, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 249, 164) }
```

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

```
.background{ background-color: rgb(165,  
249, 164) }
```

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