

Converting Colors

`RYB(169, 204, 249)`

Have a look what the booklet for
RYB(169, 204, 249) contains.

RYB(169, 204, 249)	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(169, 204, 249)

Conversions

Conversions Part 1

Format	Color
Hex	A9E7F9
RGB	169, 231, 249
RGB Percent	66%, 91%, 98%
CMY	0.3373, 0.0932, 0.0235
CMYK	0.32, 0.07, 0.00, 0.02
HSL	193°, 87%, 82%
HSV	193°, 32%, 98%
XYZ	62.0992, 72.5509, 100.3533
YIQ	214.5140, -42.7300, -7.5460

Conversions

Conversions Part 2

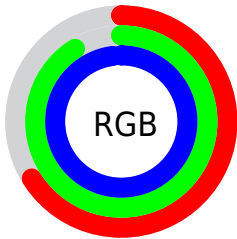
Format	Color
R _Y B	169, 204, 249
Decimal	11134969
CIE Lab	88.23, -15.42, -14.92
CIE LCh	88, 21.457, 224.065
Yxy	72.5509, 0.2642, 0.3087
Android (android.graphics.Color)	4289325049 (0xFFA9E7F9)
YUV	214.5140, 17.0016, -39.9158
Hunter-Lab	85.1768, -18.9217, -10.2303

Details

The RYB color **169, 204, 249** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **249, 192, 169**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **226, 241, 255**, and **114, 148, 193** is the 20% darker color. If you saturate the color by 10%, you get **144, 190, 249**, and if you desaturate by 10%, it is **194, 218, 249**.

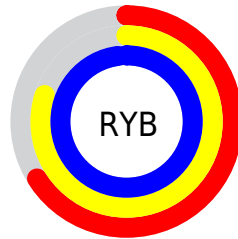
Distribution



Red (66%)

Green (91%)

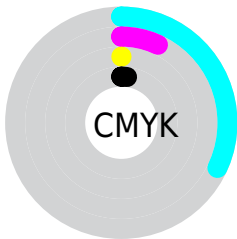
Blue (98%)



Red (66%)

Yellow (80%)

Blue (98%)

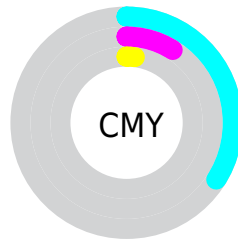


Cyan (32%)

Magenta (7%)

Yellow (0%)

Black (2%)



Cyan (34%)

Magenta (9%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RYB color 169, 204, 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 169, 204, 249 by changing the saturation by 10% instead.

 169, 204, 249


 169, 204, 249

255, 255, 255

 141, 176, 220

 226, 241, 255

 114, 149, 193


 87, 122, 165

 60, 95, 139

 30, 68, 114

 0, 40, 89

 0, 29, 66

 0, 18, 43

 0, 1, 23

■ 169, 204, 249

■ 169, 204, 249

■ 144, 190, 249

■ 194, 218, 249

■ 119, 176, 249

■ 219, 232, 249

■ 94, 162, 249

■ 244, 246, 249

■ 69, 148, 249

■ 252, 255, 249

■ 45, 134, 249

■ 249, 255, 249

■ 20, 120, 249

■ 0, 109, 249

Harmonies

Analogous

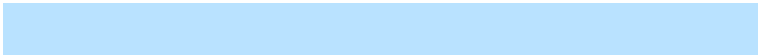
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



168, 201, 233



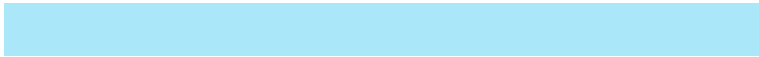
169, 204, 249



185, 211, 255

Triad

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



169, 204, 249



255, 208, 233



186, 227, 182

Complementary

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



169, 204, 249



249, 192, 169

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.



246, 248, 183



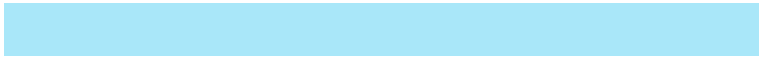
169, 204, 249



255, 207, 212

Square

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



169, 204, 249



237, 213, 251



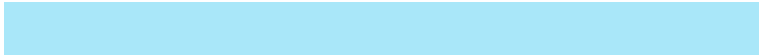
255, 216, 194



192, 229, 217

Rectangle

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



169, 204, 249



202, 217, 255



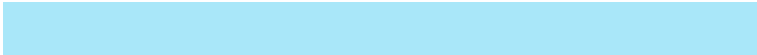
255, 216, 194



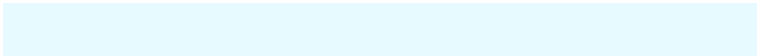
200, 235, 181

Sweetspot

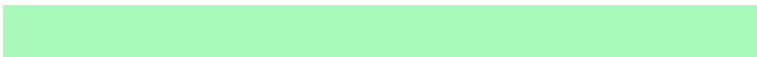
The Sweet Spot groups the original color and five complimentary colors.



169, 204, 249



230, 241, 255



169, 235, 249



112, 119, 128



0, 0, 0



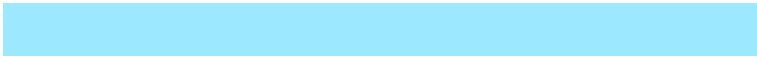
128, 128, 128

Same Dimension

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



169, 204, 249



156, 199, 255



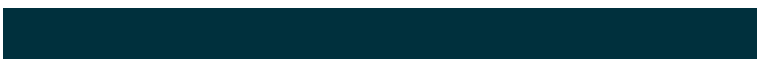
169, 187, 249



112, 118, 125



0, 83, 189



0, 27, 61

Inverse Universe

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



249, 169, 231



255, 156, 233



201, 249, 169



125, 112, 122



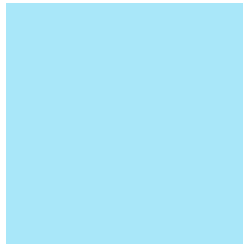
189, 0, 147



61, 0, 48

Previews

White Background



This preview shows how the RYB color 169, 204, 249 looks on a white background.

Color Contrast Check

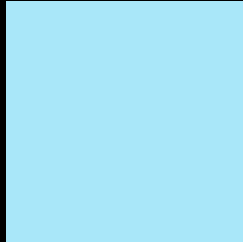
Large Text (above 18pt) WCAG AA × Fail

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 169, 204, 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 169, 204, 249 Background



This preview shows how black text looks on a background with the RYB color 169, 204, 249.



This preview shows how white text looks on a background with the RYB color 169, 204, 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](#).

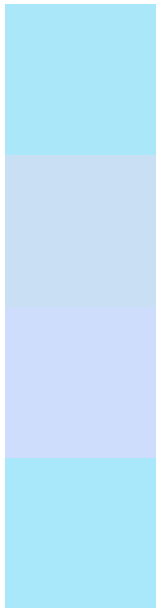
Dichromacy





Tritanopia
169, 204, 250

Trichromacy



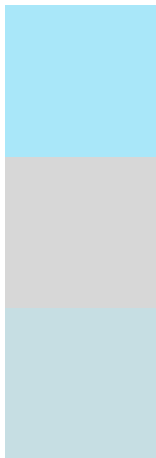
Original Color
169, 204, 249

Protanomaly
200, 215, 244

Deuteranomaly
206, 217, 251

Tritanomaly
169, 204, 250

Monochromacy



Original Color
169, 204, 249

Achromatopsia
215, 215, 215

Achromatomaly
198, 211, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 204, 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(169, 231, 249)` looks like.

```
.text, #text, p{  
    color:rgb(169, 231, 249)  
}
```

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(169, 231, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 231, 249) }
```

Border

The CSS property to change the border of an element to RYB 169, 204, 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(169, 231, 249) }
```

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

```
.border{ border-color:rgb(169, 231, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 231, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 231, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 231, 249);  
box-shadow:4px 4px 4px 4px rgb(169, 231,  
249) }
```

Background

The CSS property to change the background color of an element to RYB 169, 204, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 231, 249) }
```

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

```
.background{ background-color: rgb(169,  
231, 249) }
```

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