

Converting Colors

`RYB(169, 241, 239)`

Have a look what the booklet for
RYB(169, 241, 239) contains.

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Color

R_YB(169, 241, 239)

Conversions

Conversions Part 1

Format	Color
Hex	ABF1A9
RGB	171, 241, 169
RGB Percent	67%, 95%, 66%
CMY	0.3294, 0.0549, 0.3373
CMYK	0.29, 0.00, 0.30, 0.05
HSL	118°, 72%, 80%
HSV	118°, 30%, 95%
XYZ	55.4113, 74.4331, 48.9827
YIQ	211.8620, -18.6080, -37.2320

Conversions

Conversions Part 2

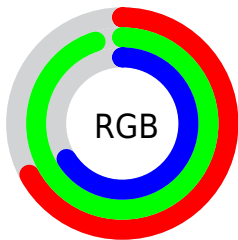
Format	Color
RYB	169, 241, 239
Decimal	11268521
CIELab	89.13, -35.44, 28.01
CIElCh	89, 45.170, 141.683
Yxy	74.4331, 0.3099, 0.4162
Android (android.graphics.Color)	4289458601 (0xFFABF1A9)
YUV	211.8620, -21.1310, -35.8360
Hunter-Lab	86.2746, -36.3360, 26.7302

Details

The RYB color **169, 241, 239** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **239, 169, 241**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **225, 255, 252**, and **116, 185, 184** is the 20% darker color. If you saturate the color by 10%, you get **145, 241, 238**, and if you desaturate by 10%, it is **193, 241, 240**.

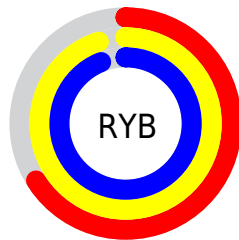
Distribution



Red (67%)

Green (95%)

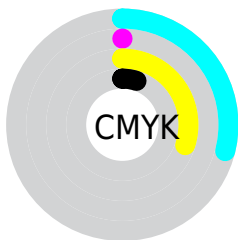
Blue (66%)



Red (66%)

Yellow (95%)

Blue (94%)

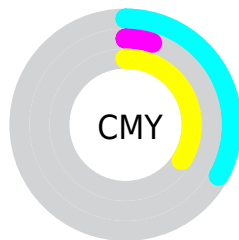


Cyan (29%)

Magenta (0%)

Yellow (30%)

Black (5%)



Cyan (33%)

Magenta (5%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 241, 239 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, 241, 239 by changing the saturation by 10% instead.

 169, 241, 239

255, 255, 255


 225, 255, 252


253, 255, 253

 169, 241, 239

 142, 212, 211

 116, 185, 184

 90, 156, 157

 64, 128, 131

 37, 99, 105

 1, 65, 81

 0, 57, 57

 0, 37, 37

 0, 0, 0

 169, 241, 239

 169, 241, 239

 145, 241, 238

 193, 241, 240

 121, 241, 238

 217, 241, 240

 97, 241, 237

 241, 241, 241

 73, 241, 237

 255, 241, 255

 48, 241, 235

 24, 241, 235

 0, 241, 234

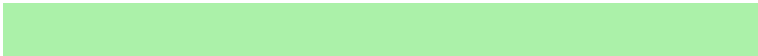
Harmonies

Analogous

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



142, 231, 152



169, 241, 239



115, 191, 246

Triad

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



169, 241, 239



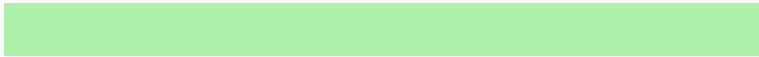
141, 192, 255



255, 192, 194

Complementary

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



169, 241, 239



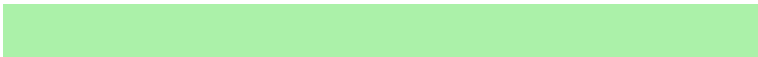
239, 169, 241

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, 238



169, 241, 239



212, 216, 255

Square

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



169, 241, 239



68, 158, 255



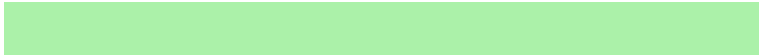
255, 202, 255



255, 239, 158

Rectangle

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



169, 241, 239



76, 163, 247



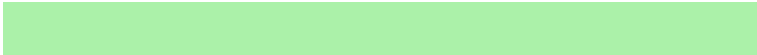
255, 202, 255



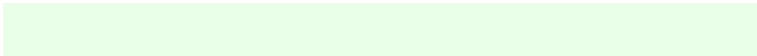
255, 191, 208

Sweetspot

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



169, 241, 239



232, 255, 254



171, 241, 169



113, 128, 127



0, 0, 0



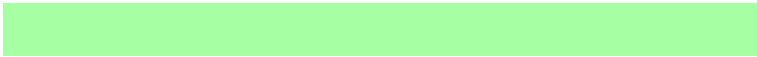
128, 128, 128

Same Dimension

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



169, 241, 239



163, 255, 252



169, 218, 241



108, 120, 120



0, 184, 179



0, 56, 54

Inverse Universe

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



239, 169, 241



252, 163, 255



241, 169, 207



120, 108, 120



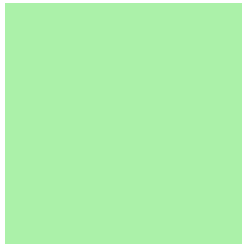
179, 0, 184



55, 0, 56

Previews

White Background



This preview shows how the RYB color 169, 241, 239 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, 241, 239 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, 241, 239 Background



This preview shows how black text looks on a background with the RYB color 169, 241, 239.

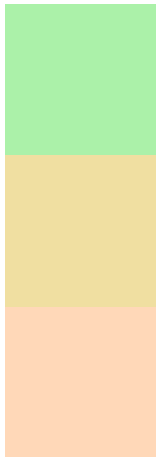


This preview shows how white text looks on a background with the RYB color 169, 241, 239.

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
169, 241, 239

Protanopia
183, 240, 161

Deuteranopia
255, 242, 184



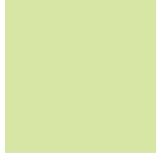
Tritanopia
185, 212, 249

Trichromacy



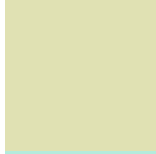
Original Color

169, 241, 239



Protanomaly

164, 230, 179



Deuteranomaly

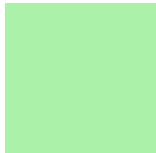
179, 225, 180



Tritanomaly

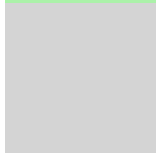
180, 212, 235

Monochromacy



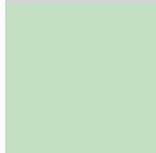
Original Color

169, 241, 239



Achromatopsia

212, 212, 212



Achromatomaly

196, 223, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 241, 239 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(171, 241, 169)` looks like.

```
.text, #text, p{  
    color:rgb(171, 241, 169)  
}
```

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(171, 241, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 241, 169) }
```

Border

The CSS property to change the border of an element to RYB 169, 241, 239 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(171, 241, 169) }
```

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

```
.border{ border-color:rgb(171, 241, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 241, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 241, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 241, 169);  
box-shadow:4px 4px 4px 4px rgb(171, 241,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 169, 241, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 241, 169) }
```

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

```
.background{ background-color: rgb(171,  
241, 169) }
```

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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