

Converting Colors

`RYB(169, 214, 239)`

Have a look what the booklet for RYB(169, 214, 239) contains.

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Color

R_YB(169, 214, 239)

Conversions

Conversions Part 1

Format	Color
Hex	A9EFD0
RGB	169, 239, 208
RGB Percent	66%, 94%, 82%
CMY	0.3373, 0.0627, 0.1847
CMYK	0.29, 0.00, 0.13, 0.06
HSL	153°, 69%, 80%
HSV	153°, 29%, 94%
XYZ	58.6002, 74.7166, 70.9361
YIQ	214.5360, -31.7690, -24.4810

Conversions

Conversions Part 2

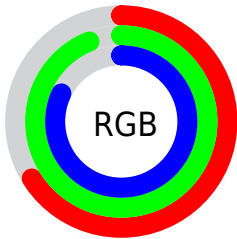
Format	Color
RYB	169, 214, 239
Decimal	11136976
CIELab	89.26, -28.15, 8.10
CIELCh	89, 29.294, 163.942
Yxy	74.7166, 0.2869, 0.3658
Android (android.graphics.Color)	4289327056 (0xFFA9EFD0)
YUV	214.5360, -3.2222, -39.9351
Hunter-Lab	86.4388, -30.2558, 11.8508

Details

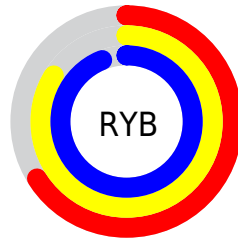
The RYB color **169, 214, 239** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **239, 169, 200**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **226, 241, 255**, and **115, 158, 183** is the 20% darker color. If you saturate the color by 10%, you get **145, 206, 239**, and if you desaturate by 10%, it is **193, 222, 239**.

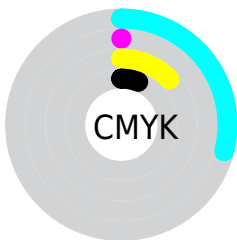
Distribution



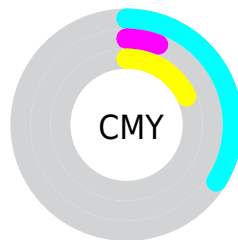
- Red (66%)
- Green (94%)
- Blue (82%)



- Red (66%)
- Yellow (84%)
- Blue (94%)



- Cyan (29%)
- Magenta (0%)
- Yellow (13%)
- Black (6%)



- Cyan (34%)
- Magenta (6%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 214, 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, 214, 239 by changing the saturation by 10% instead.

 169, 214, 239


255, 255, 255


 226, 241, 255

 169, 214, 239

 142, 186, 211

 115, 158, 183

 88, 131, 156

 62, 104, 129

 35, 78, 104

 0, 46, 79

 0, 35, 56

 0, 26, 35


 0, 0, 0

 169, 214, 239


 169, 214, 239

 145, 206, 239


 193, 222, 239

 121, 197, 239


 217, 231, 239

 97, 188, 239


 241, 239, 240

 73, 180, 239


 255, 239, 250

 49, 171, 239

 255, 239, 255

 26, 163, 239

 2, 154, 239

 0, 154, 239

Harmonies

Analogous

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



183, 234, 217



169, 214, 239



147, 194, 240

Triad

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



169, 214, 239



209, 219, 255



255, 220, 187

Complementary

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



169, 214, 239



239, 169, 200

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, 204, 212



169, 214, 239



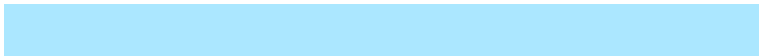
245, 213, 255

Square

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



169, 214, 239



171, 206, 255



255, 206, 240



240, 255, 171

Rectangle

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



169, 214, 239



144, 195, 254



255, 206, 240



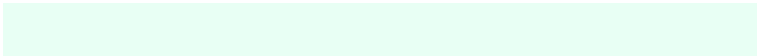
255, 211, 194

Sweetspot

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



169, 214, 239



232, 247, 255



169, 239, 208



113, 123, 128



0, 0, 0



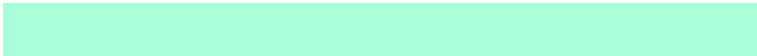
128, 128, 128

Same Dimension

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



169, 214, 239



166, 223, 255



169, 203, 239



108, 116, 120



0, 118, 184



0, 36, 56

Inverse Universe

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



239, 169, 200



255, 166, 205



239, 172, 169



120, 108, 113



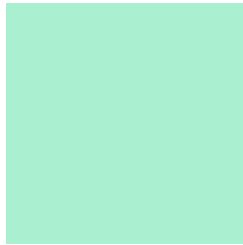
184, 0, 82



56, 0, 25

Previews

White Background



This preview shows how the RYB color 169, 214, 239 looks on a white background.

Color Contrast Check

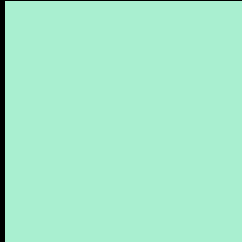
Large Text (above 18pt) WCAG AA × Fail

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, 214, 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

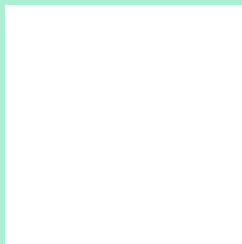
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 169, 214, 239 Background



This preview shows how black text looks on a background with the RYB color 169, 214, 239.

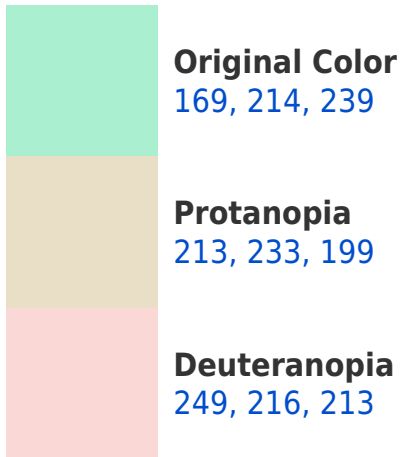


This preview shows how white text looks on a background with the RYB color 169, 214, 239.

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





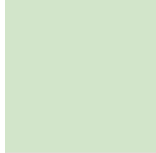
Tritanopia
178, 209, 251

Trichromacy



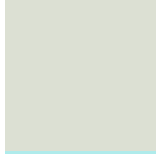
Original Color

169, 214, 239



Protanomaly

202, 229, 221



Deuteranomaly

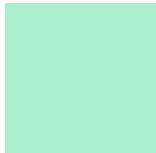
211, 224, 215



Tritanomaly

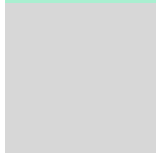
175, 205, 235

Monochromacy



Original Color

169, 214, 239



Achromatopsia

215, 215, 215



Achromatomaly

198, 215, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 214, 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(169, 239, 208)` looks like.

```
.text, #text, p{  
    color:rgb(169, 239, 208)  
}
```

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, 239, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 239, 208) }
```

Border

The CSS property to change the border of an element to RYB 169, 214, 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(169, 239, 208) }
```

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

```
.border{ border-color:rgb(169, 239, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 239, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 239, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 239, 208);  
box-shadow:4px 4px 4px 4px rgb(169, 239,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 169, 214, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 239, 208) }
```

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

```
.background{ background-color: rgb(169,  
239, 208) }
```

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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