

Converting Colors

`RYB(169, 201, 230)`

Have a look what the booklet for
RYB(169, 201, 230) contains.

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Color

R_YB(169, 201, 230)

Conversions

Conversions Part 1

Format	Color
Hex	A9E6E0
RGB	169, 230, 224
RGB Percent	66%, 90%, 88%
CMY	0.3373, 0.0980, 0.1205
CMYK	0.27, 0.00, 0.02, 0.10
HSL	174°, 55%, 78%
HSV	174°, 27%, 90%
XYZ	58.1517, 70.4257, 81.2498
YIQ	211.0770, -34.4300, -14.7980

Conversions

Conversions Part 2

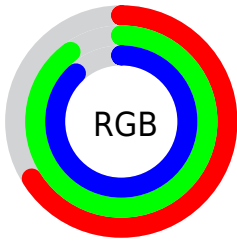
Format	Color
RYB	169, 201, 230
Decimal	11134688
CIELab	87.21, -20.38, -3.47
CIELCh	87, 20.675, 189.649
Yxy	70.4257, 0.2771, 0.3356
Android (android.graphics.Color)	4289324768 (0xFFA9E6E0)
YUV	211.0770, 6.3710, -36.9015
Hunter-Lab	83.9200, -23.1699, 1.3406

Details

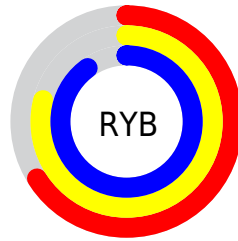
The RYB color **169, 201, 230** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **230, 169, 175**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **226, 241, 255**, and **115, 146, 174** is the 20% darker color. If you saturate the color by 10%, you get **146, 190, 230**, and if you desaturate by 10%, it is **192, 212, 230**.

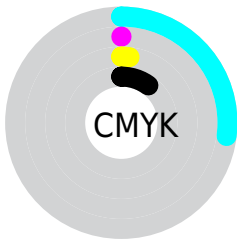
Distribution



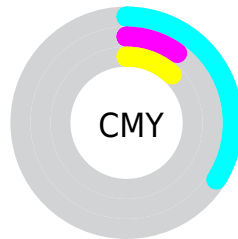
- Red (66%)
- Green (90%)
- Blue (88%)



- Red (66%)
- Yellow (79%)
- Blue (90%)



- Cyan (27%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (34%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 201, 230 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, 201, 230 by changing the saturation by 10% instead.

■ 169, 201, 230

255, 255, 255

■ 226, 241, 255

■ 169, 201, 230

■ 142, 174, 202

■ 115, 146, 174

■ 89, 120, 148

■ 63, 94, 122

■ 36, 68, 97

■ 3, 39, 73


■ 0, 26, 50

■ 0, 16, 30

■ 0, 0, 0

 169, 201, 230


 169, 201, 230

 146, 190, 230


 192, 212, 230

 123, 179, 230


 215, 223, 230

 100, 168, 230


 238, 230, 231

 77, 157, 230

 255, 230, 233

 54, 146, 230

 255, 230, 235

 31, 135, 230

 255, 230, 237

 8, 125, 230

 255, 230, 239

 0, 121, 230

 255, 230, 242

 255, 230, 244

Harmonies

Analogous

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



184, 215, 229



169, 201, 230



167, 201, 243

Triad

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



169, 201, 230



230, 211, 249



246, 242, 182

Complementary

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



169, 201, 230



230, 169, 175

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, 211, 194



169, 201, 230



250, 206, 233

Square

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



169, 201, 230



205, 215, 255



255, 205, 213



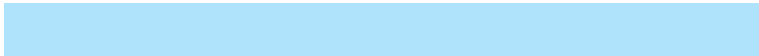
190, 227, 180

Rectangle

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



169, 201, 230



175, 206, 252



255, 205, 213



251, 228, 185

Sweetspot

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



169, 201, 230



235, 246, 255



169, 230, 224



115, 122, 128



0, 0, 0



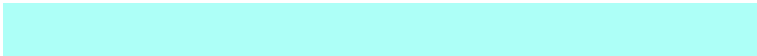
128, 128, 128

Same Dimension

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



169, 201, 230



173, 216, 255



169, 192, 230



103, 109, 115



0, 94, 179



0, 27, 51

Inverse Universe

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



230, 169, 175



255, 173, 181



230, 209, 169



115, 103, 104



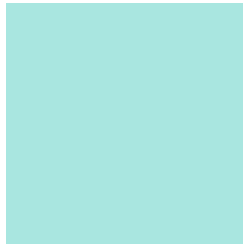
179, 0, 17



51, 0, 5

Previews

White Background



This preview shows how the RYB color 169, 201, 230 looks on a white background.

Color Contrast Check

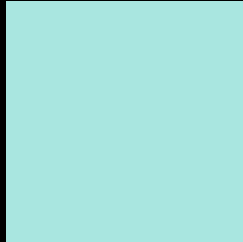
Large Text (above 18pt) WCAG AA × Fail

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, 201, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

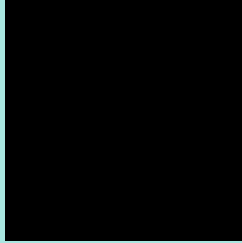
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

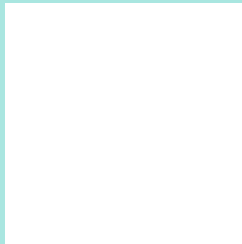
Any Text WCAG AAA ✓ Pass

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

RYB 169, 201, 230 Background



This preview shows how black text looks on a background with the RYB color 169, 201, 230.



This preview shows how white text looks on a background with the RYB color 169, 201, 230.

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





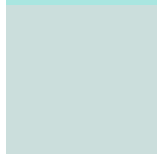
Tritanopia
173, 204, 245

Trichromacy



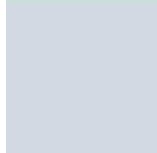
Original Color

169, 201, 230



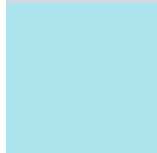
Protanomaly

203, 213, 222



Deuteranomaly

210, 215, 227



Tritanomaly

172, 202, 237

Monochromacy



Original Color

169, 201, 230



Achromatopsia

211, 211, 211



Achromatomaly

196, 208, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 201, 230 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, 230, 224)` looks like.

```
.text, #text, p{  
    color:rgb(169, 230, 224)  
}
```

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, 230, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 230, 224) }
```

Border

The CSS property to change the border of an element to RYB 169, 201, 230 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, 230, 224) }
```

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

```
.border{ border-color:rgb(169, 230, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 230, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 230, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 230, 224);  
box-shadow:4px 4px 4px 4px rgb(169, 230,  
224) }
```

Background

The CSS property to change the background color of an element to RYB 169, 201, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 230, 224) }
```

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

```
.background{ background-color: rgb(169,  
230, 224) }
```

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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