

Converting Colors

`RYB(169, 205, 220)`

Have a look what the booklet for
RYB(169, 205, 220) contains.

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Color

$\text{RYB}(169, 205, 220)$

Conversions

Conversions Part 1

Format	Color
Hex	A9DCBE
RGB	169, 220, 190
RGB Percent	66%, 86%, 75%
CMY	0.3373, 0.1373, 0.2539
CMYK	0.23, 0.00, 0.14, 0.14
HSL	145°, 42%, 76%
HSV	145°, 23%, 86%
XYZ	51.2770, 63.3501, 58.3838
YIQ	201.3310, -20.7660, -20.1420

Conversions

Conversions Part 2

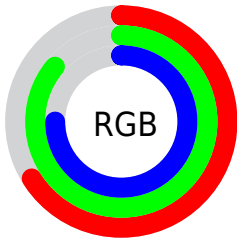
Format	Color
R _{YB}	169, 205, 220
Decimal	11132094
CIE Lab	83.63, -22.39, 9.29
CIE LCh	84, 24.238, 157.472
Yxy	63.3501, 0.2964, 0.3662
Android (android.graphics.Color)	4289322174 (0xFFA9DCBE)
YUV	201.3310, -5.5862, -28.3543
Hunter-Lab	79.5928, -24.2901, 12.2239

Details

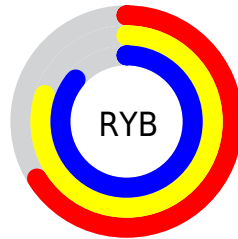
The RYB color **169, 205, 220** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **220, 169, 199**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **225, 243, 255**, and **116, 150, 165** is the 20% darker color. If you saturate the color by 10%, you get **147, 199, 220**, and if you desaturate by 10%, it is **191, 212, 220**.

Distribution



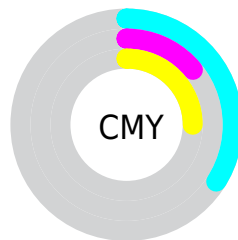
- Red (66%)
- Green (86%)
- Blue (75%)



- Red (66%)
- Yellow (80%)
- Blue (86%)



- Cyan (23%)
- Magenta (0%)
- Yellow (14%)
- Black (14%)



- Cyan (34%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 205, 220 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, 205, 220 by changing the saturation by 10% instead.


 169, 205, 220

255, 255, 255


 225, 242, 255

254, 255, 255


 169, 205, 220

 142, 177, 192

 116, 150, 165

 90, 123, 138

 66, 98, 113

 41, 73, 88

 16, 47, 64


 0, 28, 42


 0, 21, 21

 0, 0, 0

 169, 205, 220

 169, 205, 220

 147, 199, 220


 191, 212, 220

 125, 192, 220


 213, 218, 220

 103, 185, 220


 235, 220, 229

 81, 179, 220


 255, 220, 242

 59, 173, 220

 255, 220, 254

 37, 166, 220

 255, 220, 255

 15, 160, 220

 0, 155, 220

Harmonies

Analogous

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



172, 215, 193



169, 205, 220



150, 188, 222

Triad

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



169, 205, 220



189, 204, 253



254, 198, 182

Complementary

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



169, 205, 220



220, 169, 199

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, 203



169, 205, 220



220, 201, 245

Square

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



169, 205, 220



161, 195, 250



243, 194, 226



241, 230, 167

Rectangle

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



169, 205, 220



145, 185, 229



243, 194, 226



255, 193, 188

Sweetspot

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



169, 205, 220



237, 249, 255



169, 220, 190



117, 125, 128



0, 0, 0



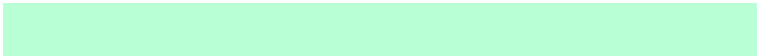
128, 128, 128

Same Dimension

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



169, 205, 220



184, 234, 255



169, 196, 220



99, 107, 110



0, 122, 173



0, 33, 46

Inverse Universe

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



220, 169, 199



255, 184, 225



220, 169, 173



110, 99, 105



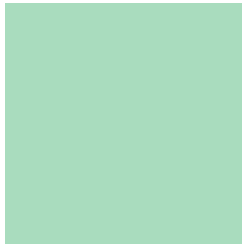
173, 0, 101



46, 0, 27

Previews

White Background



This preview shows how the RYB color 169, 205, 220 looks on a white background.

Color Contrast Check

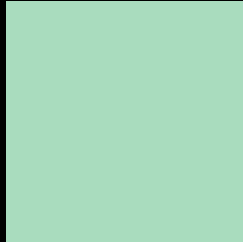
Large Text (above 18pt) WCAG AA × Fail

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, 205, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

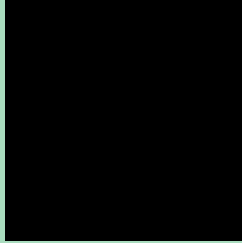
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

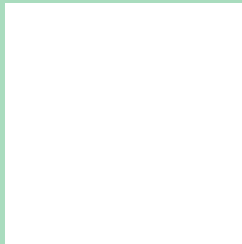
Any Text WCAG AAA ✓ Pass

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

RYP 169, 205, 220 Background



This preview shows how black text looks on a background with the RYB color 169, 205, 220.



This preview shows how white text looks on a background with the RYB color 169, 205, 220.

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
177, 199, 231

Trichromacy



Original Color
169, 205, 220

Protanomaly
186, 212, 198

Deuteranomaly
195, 210, 193

Tritanomaly
174, 195, 216

Monochromacy



Original Color
169, 205, 220

Achromatopsia
201, 201, 201

Achromatomaly
189, 202, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 205, 220 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, 220, 190)` looks like.

```
.text, #text, p{  
    color:rgb(169, 220, 190)  
}
```

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, 220, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 220, 190) }
```

Border

The CSS property to change the border of an element to RYB 169, 205, 220 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, 220, 190) }
```

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

```
.border{ border-color:rgb(169, 220, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 220, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 220, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 220, 190);  
box-shadow:4px 4px 4px 4px rgb(169, 220,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 169, 205, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 220, 190) }
```

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

```
.background{ background-color: rgb(169,  
220, 190) }
```

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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