

Converting Colors

`RYB(169, 184, 213)`

Have a look what the booklet for
RYB(169, 184, 213) contains.

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Color

$\text{RYB}(169, 184, 213)$

Conversions

Conversions Part 1

Format	Color
Hex	A9C0D5
RGB	169, 192, 213
RGB Percent	66%, 75%, 84%
CMY	0.3373, 0.2480, 0.1647
CMYK	0.21, 0.10, 0.00, 0.16
HSL	209°, 34%, 75%
HSV	209°, 21%, 84%
XYZ	47.1691, 50.8325, 70.2764
YIQ	187.5170, -20.4490, 1.6550

Conversions

Conversions Part 2

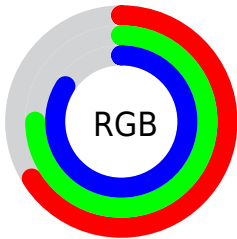
Format	Color
RYB	169, 184, 213
Decimal	11124949
CIELab	76.58, -3.18, -13.22
CIELCh	77, 13.601, 256.482
Yxy	50.8325, 0.2803, 0.3021
Android (android.graphics.Color)	4289315029 (0xFFA9C0D5)
YUV	187.5170, 12.5631, -16.2394
Hunter-Lab	71.2969, -6.6763, -8.5335

Details

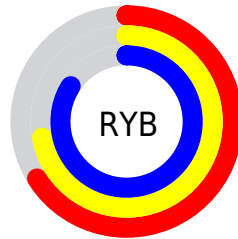
The RYB color **169, 184, 213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **213, 209, 169**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **225, 238, 255**, and **116, 131, 158** is the 20% darker color. If you saturate the color by 10%, you get **148, 170, 213**, and if you desaturate by 10%, it is **190, 198, 213**.

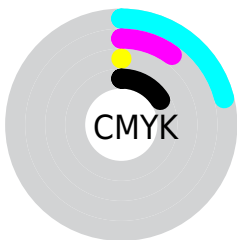
Distribution



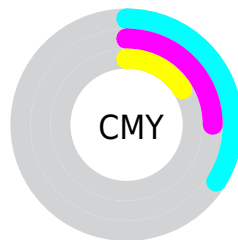
- Red (66%)
- Green (75%)
- Blue (84%)



- Red (66%)
- Yellow (72%)
- Blue (84%)



- Cyan (21%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (34%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 184, 213 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, 184, 213 by changing the saturation by 10% instead.


 169, 184, 213

255, 255, 255


 225, 238, 255

254, 255, 255


 169, 184, 213


 142, 157, 185

 116, 130, 158

 91, 105, 132

 67, 81, 107

 43, 57, 83

 20, 35, 60


 0, 14, 38


 0, 1, 17

 0, 0, 0

 169, 184, 213


 169, 184, 213

 148, 170, 213


 190, 198, 213

 126, 156, 213


 212, 212, 213

 105, 142, 213


 233, 233, 213

 84, 128, 213

 254, 252, 213

 63, 114, 213

 230, 255, 213

 41, 100, 213

 215, 255, 213

 20, 86, 213

 213, 255, 213

 0, 73, 213

Harmonies

Analogous

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



159, 180, 207



169, 184, 213



184, 188, 213

Triad

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



169, 184, 213



216, 181, 182



171, 194, 188

Complementary

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



169, 184, 213



213, 209, 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.



167, 192, 165



169, 184, 213



214, 186, 171

Square

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



169, 184, 213



211, 181, 195



201, 205, 165



165, 185, 196

Rectangle

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



169, 184, 213



195, 185, 209



201, 205, 165



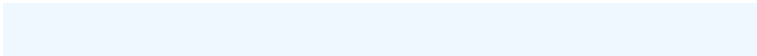
169, 193, 180

Sweetspot

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



169, 184, 213



240, 245, 255



169, 199, 213



119, 122, 128



0, 0, 0



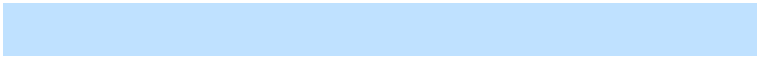
128, 128, 128

Same Dimension

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



169, 184, 213



191, 213, 255



169, 170, 213



96, 100, 107



0, 58, 171



0, 15, 43

Inverse Universe

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



213, 169, 192



255, 191, 224



170, 213, 169



107, 96, 102



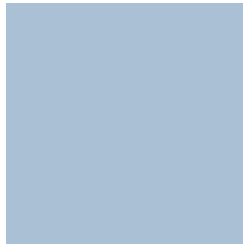
171, 0, 88



43, 0, 22

Previews

White Background



This preview shows how the RYB color 169, 184, 213 looks on a white background.

Color Contrast Check

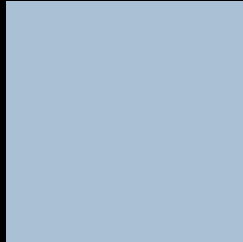
Large Text (above 18pt) WCAG AA × Fail

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, 184, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

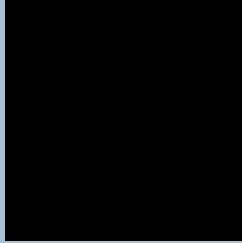
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

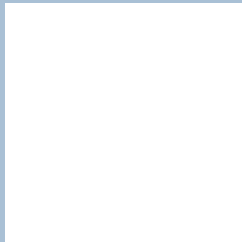
Any Text WCAG AAA ✓ Pass

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

RYB 169, 184, 213 Background



This preview shows how black text looks on a background with the RYB color 169, 184, 213.



This preview shows how white text looks on a background with the RYB color 169, 184, 213.

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](#).

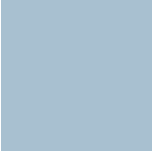
Dichromacy



Original Color
169, 184, 213

Protanopia
186, 187, 210

Deuteranopia
195, 184, 215



Tritanopia
168, 183, 208

Trichromacy



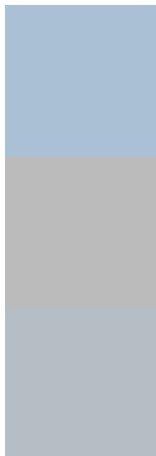
Original Color
169, 184, 213

Protanomaly
180, 187, 211

Deuteranomaly
186, 187, 214

Tritanomaly
168, 184, 210

Monochromacy



Original Color
169, 184, 213

Achromatopsia
187, 187, 187

Achromatomaly
180, 186, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 184, 213 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, 192, 213)` looks like.

```
.text, #text, p{  
    color:rgb(169, 192, 213)  
}
```

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, 192, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 192, 213) }
```

Border

The CSS property to change the border of an element to RYB 169, 184, 213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

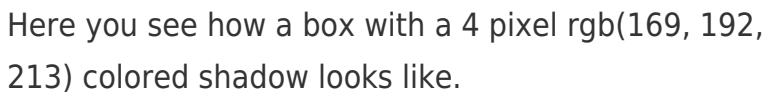
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 192, 213) }
```

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

```
.border{ border-color:rgb(169, 192, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 192, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 192, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 192, 213); box-shadow:4px 4px 4px 4px rgb(169, 192, 213) }
```

Background

The CSS property to change the background color of an element to RYB 169, 184, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 192, 213) }
```

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

```
.background{ background-color: rgb(169,  
192, 213) }
```

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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