

Converting Colors

`RYB(169, 195, 214)`

Have a look what the booklet for
RYB(169, 195, 214) contains.

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Color

$\text{RYB}(169, 195, 214)$

Conversions

Conversions Part 1

Format	Color
Hex	A9D6CA
RGB	169, 214, 202
RGB Percent	66%, 84%, 79%
CMY	0.3373, 0.1608, 0.2083
CMYK	0.21, 0.00, 0.06, 0.16
HSL	164°, 35%, 75%
HSV	164°, 21%, 84%
XYZ	51.0558, 60.7870, 64.8476
YIQ	199.1770, -22.9680, -13.2720

Conversions

Conversions Part 2

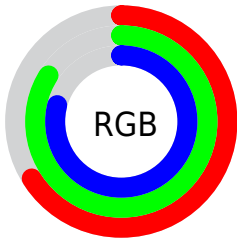
Format	Color
RYB	169, 195, 214
Decimal	11130570
CIELab	82.26, -17.10, 1.15
CIELCh	82, 17.142, 176.152
Yxy	60.7870, 0.2890, 0.3440
Android (android.graphics.Color)	4289320650 (0xFFA9D6CA)
YUV	199.1770, 1.3917, -26.4652
Hunter-Lab	77.9660, -19.5504, 5.2622

Details

The RYB color **169, 195, 214** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **214, 169, 181**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **225, 240, 255**, and **116, 141, 159** is the 20% darker color. If you saturate the color by 10%, you get **148, 186, 214**, and if you desaturate by 10%, it is **190, 204, 214**.

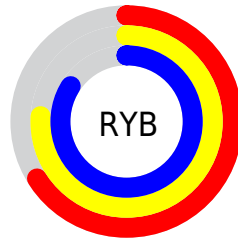
Distribution



Red (66%)

Green (84%)

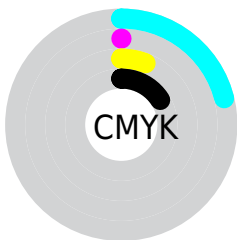
Blue (79%)



Red (66%)

Yellow (76%)

Blue (84%)

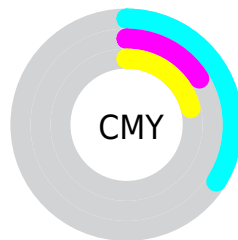


Cyan (21%)

Magenta (0%)

Yellow (6%)

Black (16%)



Cyan (34%)

Magenta (16%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 195, 214 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, 195, 214 by changing the saturation by 10% instead.


 169, 195, 214

255, 255, 255


 225, 240, 255

254, 255, 255

 169, 195, 214

 142, 167, 186

 116, 141, 159


 91, 115, 133

 66, 90, 108

 42, 65, 83

 18, 42, 60


 0, 21, 38

 0, 11, 15


 0, 0, 0

 169, 195, 214

 169, 195, 214

 148, 186, 214


 190, 204, 214

 126, 177, 214


 212, 213, 214

 105, 168, 214


 233, 214, 219

 83, 159, 214


 255, 214, 225

 62, 150, 214

 255, 214, 231

 41, 141, 214

 255, 214, 236

 19, 132, 214

 255, 214, 242

 0, 124, 214

 255, 214, 248

 255, 214, 254

Harmonies

Analogous

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



184, 210, 212



169, 195, 214



163, 189, 218

Triad

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



169, 195, 214



205, 201, 233



233, 208, 179

Complementary

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



169, 195, 214



214, 169, 181

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.



239, 194, 191



169, 195, 214



224, 196, 223

Square

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



169, 195, 214



185, 200, 236



236, 194, 207



200, 220, 173

Rectangle

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



169, 195, 214



165, 192, 227



236, 194, 207



236, 201, 182

Sweetspot

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



169, 195, 214



240, 249, 255



169, 214, 201



119, 124, 128



0, 0, 0



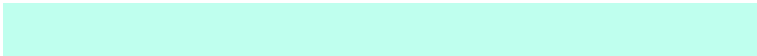
128, 128, 128

Same Dimension

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



169, 195, 214



191, 228, 255



169, 189, 214



96, 102, 107



0, 99, 171



0, 25, 43

Inverse Universe

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



214, 169, 181



255, 191, 208



214, 182, 169



107, 96, 99



171, 0, 46



43, 0, 12

Previews

White Background



This preview shows how the RYB color 169, 195, 214 looks on a white background.

Color Contrast Check

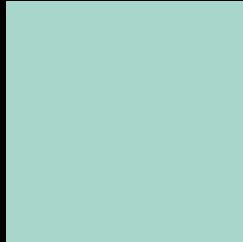
Large Text (above 18pt) WCAG AA × Fail

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, 195, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

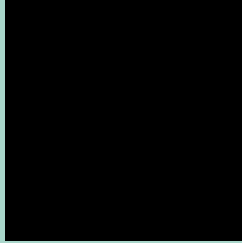
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

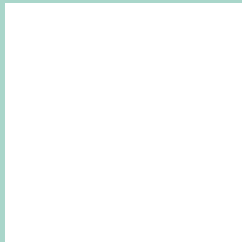
Any Text WCAG AAA ✓ Pass

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

R Y B 169, 195, 214 Background



This preview shows how black text looks on a background with the RYB color 169, 195, 214.



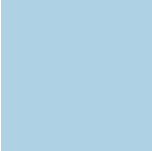
This preview shows how white text looks on a background with the RYB color 169, 195, 214.

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
174, 195, 227

Trichromacy



Original Color
169, 195, 214

Protanomaly
195, 205, 207

Deuteranomaly
203, 204, 204

Tritanomaly
172, 193, 218

Monochromacy



Original Color
169, 195, 214

Achromatopsia
199, 199, 199

Achromatomaly
188, 197, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 195, 214 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, 214, 202)` looks like.

```
.text, #text, p{  
    color:rgb(169, 214, 202)  
}
```

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, 214, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 214, 202) }
```

Border

The CSS property to change the border of an element to RYB 169, 195, 214 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, 214, 202) }
```

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

```
.border{ border-color:rgb(169, 214, 202) }
```

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

Here you see how a box with a 4 pixel rgb(169, 214, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 214, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 214, 202);  
box-shadow:4px 4px 4px 4px rgb(169, 214,  
202) }
```

Background

The CSS property to change the background color of an element to RYB 169, 195, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 214, 202) }
```

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

```
.background{ background-color: rgb(169,  
214, 202) }
```

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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