

Converting Colors

`RYB(169, 207, 214)`

Have a look what the booklet for
RYB(169, 207, 214) contains.

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Color

R_YB(169, 207, 214)

Conversions

Conversions Part 1

Format	Color
Hex	A9D6B1
RGB	169, 214, 177
RGB Percent	66%, 84%, 69%
CMY	0.3373, 0.1608, 0.3047
CMYK	0.21, 0.00, 0.17, 0.16
HSL	131°, 35%, 75%
HSV	131°, 21%, 84%
XYZ	48.3735, 59.7140, 50.7228
YIQ	196.3270, -14.9430, -21.0470

Conversions

Conversions Part 2

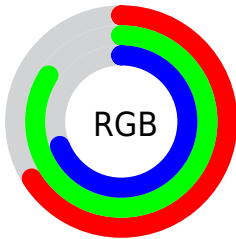
Format	Color
RYB	169, 207, 214
Decimal	11130545
CIELab	81.68, -21.84, 13.38
CIELCh	82, 25.614, 148.514
Yxy	59.7140, 0.3046, 0.3760
Android (android.graphics.Color)	4289320625 (0xFFA9D6B1)
YUV	196.3270, -9.5282, -23.9658
Hunter-Lab	77.2749, -23.4914, 15.1747

Details

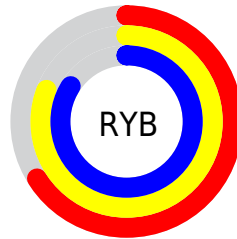
The RYB color **169, 207, 214** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **214, 169, 206**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **225, 249, 255**, and **116, 152, 159** is the 20% darker color. If you saturate the color by 10%, you get **148, 204, 214**, and if you desaturate by 10%, it is **190, 210, 214**.

Distribution



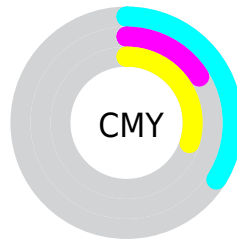
- Red (66%)
- Green (84%)
- Blue (69%)



- Red (66%)
- Yellow (81%)
- Blue (84%)



- Cyan (21%)
- Magenta (0%)
- Yellow (17%)
- Black (16%)



- Cyan (34%)
- Magenta (16%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 169, 207, 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, 207, 214 by changing the saturation by 10% instead.


 169, 207, 214

255, 255, 255


 225, 249, 255

254, 255, 255


 169, 207, 214

 142, 179, 186


 116, 152, 159


 91, 126, 133

 66, 99, 107

 43, 75, 83

 19, 51, 60

 0, 31, 38

 0, 11, 11

 0, 0, 0

 169, 207, 214

 169, 207, 214

 148, 204, 214


 190, 210, 214

 126, 200, 214


 212, 214, 214

 105, 197, 214


 233, 214, 230


 83, 194, 214

 255, 214, 247

 62, 190, 214

 255, 214, 255

 41, 187, 214

 19, 184, 214

 0, 181, 214

Harmonies

Analogous

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



161, 209, 174



169, 207, 214



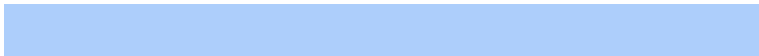
146, 186, 217

Triad

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



169, 207, 214



173, 196, 251



252, 188, 181

Complementary

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



169, 207, 214



214, 169, 206

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.



249, 186, 205



169, 207, 214



206, 197, 245

Square

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



169, 207, 214



145, 185, 243



233, 190, 228



242, 211, 163

Rectangle

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



169, 207, 214



136, 177, 217



233, 190, 228



253, 186, 189

Sweetspot

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



169, 207, 214



240, 253, 255



169, 214, 177



119, 127, 128



0, 0, 0



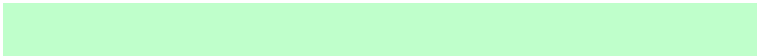
128, 128, 128

Same Dimension

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



169, 207, 214



191, 245, 255



169, 196, 214



96, 105, 107



0, 145, 171



0, 36, 43

Inverse Universe

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



214, 169, 206



255, 191, 243



214, 169, 183



107, 96, 105



171, 0, 139



43, 0, 35

Previews

White Background



This preview shows how the RYB color 169, 207, 214 looks on a white background.

Color Contrast Check

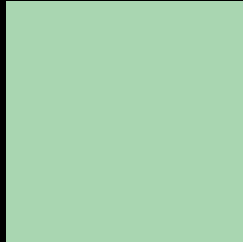
Large Text (above 18pt) WCAG AA × Fail

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, 207, 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](#).

RYB 169, 207, 214 Background



This preview shows how black text looks on a background with the RYB color 169, 207, 214.

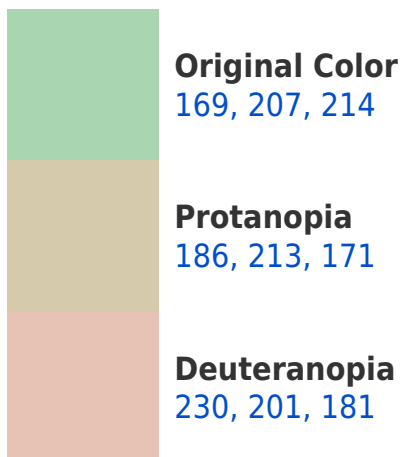


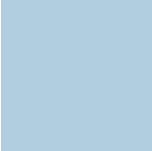
This preview shows how white text looks on a background with the RYB color 169, 207, 214.

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
177, 195, 224

Trichromacy



Original Color
169, 207, 214

Protanomaly
173, 206, 182

Deuteranomaly
188, 208, 180

Tritanomaly
174, 193, 210

Monochromacy



Original Color
169, 207, 214

Achromatopsia
196, 196, 196

Achromatomaly
186, 200, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 169, 207, 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(169, 214, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 214, 177) }
```

Border

The CSS property to change the border of an element to RYB 169, 207, 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, 177) }
```

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

```
.border{ border-color:rgb(169, 214, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 214, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 214, 177);  
box-shadow:4px 4px 4px 4px rgb(169, 214,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 169, 207, 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, 177) }
```

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

```
.background{ background-color: rgb(169,  
214, 177) }
```

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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