

Converting Colors

`RYB(163, 207, 201)`

Have a look what the booklet for
RYB(163, 207, 201) contains.

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Color

R_YB(163, 207, 201)

Conversions

Conversions Part 1

Format	Color
Hex	A9CFA3
RGB	169, 207, 163
RGB Percent	66%, 81%, 64%
CMY	0.3373, 0.1882, 0.3608
CMYK	0.18, 0.00, 0.21, 0.19
HSL	112°, 31%, 73%
HSV	112°, 21%, 81%
XYZ	45.2859, 55.7050, 43.0157
YIQ	190.6220, -8.5240, -21.7400

Conversions

Conversions Part 2

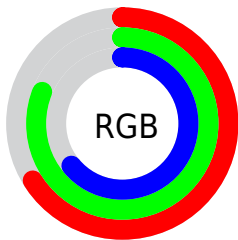
Format	Color
RYB	163, 207, 201
Decimal	11128739
CIELab	79.45, -20.88, 17.81
CIELCh	79, 27.445, 139.542
Yxy	55.7050, 0.3145, 0.3868
Android (android.graphics.Color)	4289318819 (0xFFA9CFA3)
YUV	190.6220, -13.6176, -18.9625
Hunter-Lab	74.6358, -22.3063, 18.0738

Details

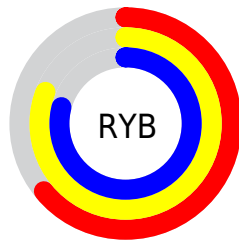
The RYB color **163, 207, 201** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **201, 163, 207**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **218, 255, 248**, and **111, 153, 148** is the 20% darker color. If you saturate the color by 10%, you get **142, 207, 198**, and if you desaturate by 10%, it is **184, 207, 204**.

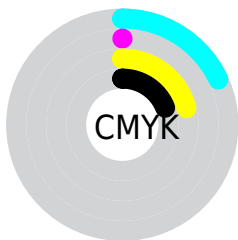
Distribution



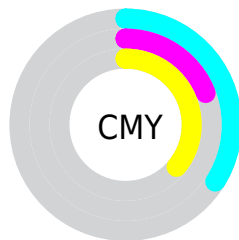
- Red (66%)
- Green (81%)
- Blue (64%)



- Red (64%)
- Yellow (81%)
- Blue (79%)



- Cyan (18%)
- Magenta (0%)
- Yellow (21%)
- Black (19%)



- Cyan (34%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the RYB color 163, 207, 201 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 163, 207, 201 by changing the saturation by 10% instead.


 163, 207, 201

 163, 207, 201


255, 255, 255


 137, 179, 174


 218, 255, 248

 111, 153, 148

 247, 255, 249

 87, 126, 122

 63, 101, 97

 41, 77, 75

 20, 54, 54

 0, 33, 33

 0, 0, 0

 163, 207, 201

 163, 207, 201

 142, 207, 198

 184, 207, 204

 122, 207, 196

 204, 207, 206

 101, 207, 193

 223, 207, 225

 80, 207, 190

 241, 207, 246

 59, 207, 186

 255, 207, 255

 39, 207, 184

 18, 207, 181

 0, 207, 179

Harmonies

Analogous

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



148, 200, 150



163, 207, 201



141, 183, 211

Triad

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



163, 207, 201



154, 186, 247



249, 179, 181

Complementary

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



163, 207, 201



201, 163, 207

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.



242, 179, 207



163, 207, 201



189, 193, 245

Square

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



163, 207, 201



127, 173, 235



221, 185, 230



242, 195, 159

Rectangle

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



163, 207, 201



128, 171, 211



221, 185, 230



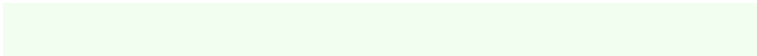
248, 178, 189

Sweetspot

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



163, 207, 201



240, 255, 253



171, 207, 163



119, 128, 127



0, 0, 0



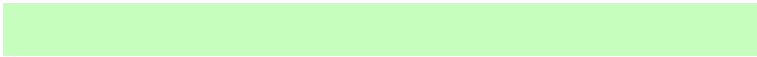
128, 128, 128

Same Dimension

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



163, 207, 201



189, 255, 246



163, 196, 207



94, 105, 103



0, 168, 145



0, 41, 35

Inverse Universe

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



201, 163, 207



246, 189, 255



207, 163, 192



103, 94, 105



145, 0, 168



35, 0, 41

Previews

White Background



This preview shows how the RYB color 163, 207, 201 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 163, 207, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

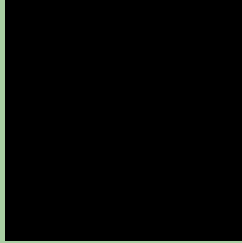
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

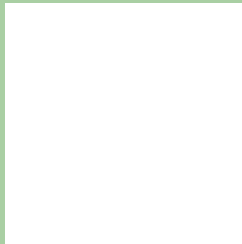
Any Text WCAG AAA ✓ Pass

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

R Y B 163, 207, 201 Background



This preview shows how black text looks on a background with the RYB color 163, 207, 201.

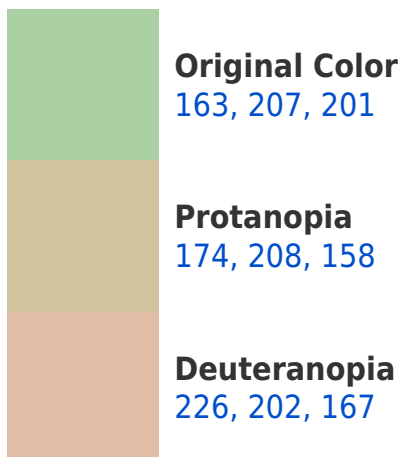


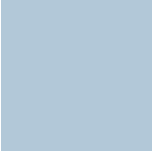
This preview shows how white text looks on a background with the RYB color 163, 207, 201.

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](#).

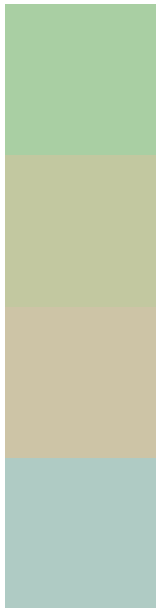
Dichromacy





Tritanopia
178, 192, 216

Trichromacy



Original Color
163, 207, 201

Protanomaly
160, 200, 166

Deuteranomaly
178, 205, 166

Tritanomaly
175, 191, 203

Monochromacy



Original Color
163, 207, 201

Achromatopsia
191, 191, 191

Achromatomaly
181, 197, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 163, 207, 201 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, 207, 163)` looks like.

```
.text, #text, p{  
    color:rgb(169, 207, 163)  
}
```

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, 207, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 207, 163) }
```

Border

The CSS property to change the border of an element to RYB 163, 207, 201 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, 207, 163) }
```

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

```
.border{ border-color:rgb(169, 207, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 207, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 207, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 207, 163);  
box-shadow:4px 4px 4px 4px rgb(169, 207,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 163, 207, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 207, 163) }
```

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

```
.background{ background-color: rgb(169,  
207, 163) }
```

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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