

Converting Colors

`RYB(150, 204, 183)`

Have a look what the booklet for
RYB(150, 204, 183) contains.

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Color

R_YB(150, 204, 183)

Conversions

Conversions Part 1

Format	Color
Hex	ABCC96
RGB	171, 204, 150
RGB Percent	67%, 80%, 59%
CMY	0.3294, 0.2000, 0.4118
CMYK	0.16, 0.00, 0.26, 0.20
HSL	97°, 35%, 69%
HSV	97°, 26%, 80%
XYZ	43.8925, 54.0457, 36.9726
YIQ	187.9770, -2.3340, -23.7900

Conversions

Conversions Part 2

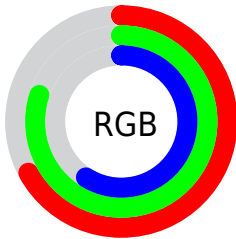
Format	Color
RYB	150, 204, 183
Decimal	11259030
CIELab	78.49, -20.80, 23.38
CIELCh	78, 31.295, 131.662
Yxy	54.0457, 0.3253, 0.4006
Android (android.graphics.Color)	4289449110 (0xFFABCC96)
YUV	187.9770, -18.7227, -14.8888
Hunter-Lab	73.5158, -22.0794, 21.6428

Details

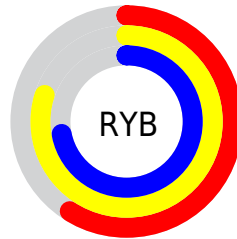
The RYB color **150, 204, 183** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **183, 150, 204**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **204, 255, 232**, and **99, 150, 131** is the 20% darker color. If you saturate the color by 10%, you get **130, 204, 175**, and if you desaturate by 10%, it is **170, 204, 191**.

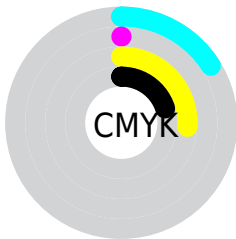
Distribution



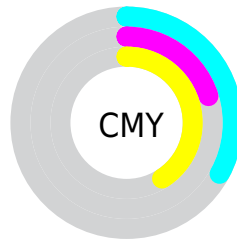
- Red (67%)
- Green (80%)
- Blue (59%)



- Red (59%)
- Yellow (80%)
- Blue (72%)



- Cyan (16%)
- Magenta (0%)
- Yellow (26%)
- Black (20%)



- Cyan (33%)
- Magenta (20%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 204, 183 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 150, 204, 183 by changing the saturation by 10% instead.


 150, 204, 183


255, 255, 255


 204, 255, 232


 233, 255, 233

 150, 204, 183

 124, 176, 156

 99, 150, 131

 75, 124, 106

 51, 99, 82

 29, 75, 59

 6, 52, 36

 0, 31, 31

 0, 0, 0


 150, 204, 183

 150, 204, 183

 130, 204, 175

 170, 204, 191


 109, 204, 167

 191, 204, 199

 89, 204, 159

 208, 204, 211

 68, 204, 151

 221, 204, 232

 48, 204, 143

 233, 204, 252

 28, 204, 136

 246, 204, 255

 7, 204, 127

 255, 204, 255

 0, 204, 125

Harmonies

Analogous

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



145, 203, 137



150, 204, 183



138, 185, 209

Triad

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



150, 204, 183



132, 176, 249



253, 173, 184

Complementary

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



150, 204, 183



183, 150, 204

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.



240, 175, 213



150, 204, 183



173, 189, 251

Square

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



150, 204, 183



105, 162, 232



213, 183, 238



248, 183, 157

Rectangle

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



150, 204, 183



118, 168, 210



213, 183, 238



250, 173, 194

Sweetspot

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



150, 204, 183



235, 255, 247



187, 204, 150



115, 128, 123



0, 0, 0



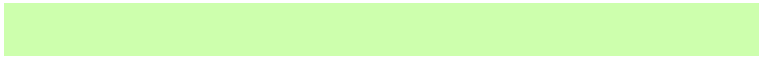
128, 128, 128

Same Dimension

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



150, 204, 183



173, 255, 223



150, 199, 204



92, 102, 98



0, 166, 102



0, 38, 23

Inverse Universe

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



183, 150, 204



223, 173, 255



204, 150, 199



98, 92, 102



101, 0, 166



23, 0, 38

Previews

White Background



This preview shows how the RYB color 150, 204, 183 looks on a white background.

Color Contrast Check

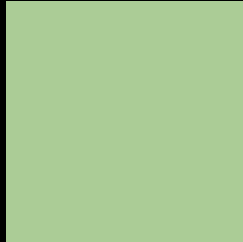
Large Text (above 18pt) WCAG AA × Fail

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 150, 204, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

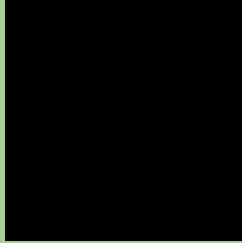
Any Text WCAG AA ✓ Pass

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 150, 204, 183 Background



This preview shows how black text looks on a background with the RYB color 150, 204, 183.

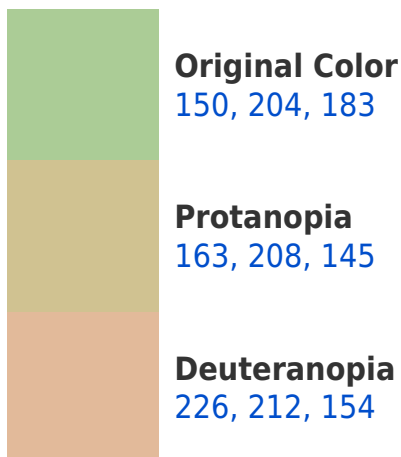



This preview shows how white text looks on a background with the RYB color 150, 204, 183.

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](#).

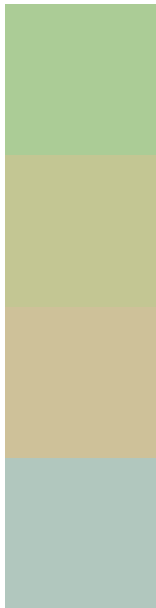
Dichromacy





Tritanopia
180, 191, 212

Trichromacy



Original Color
150, 204, 183

Protanomaly
147, 198, 150

Deuteranomaly
170, 206, 153

Tritanomaly
177, 191, 199

Monochromacy



Original Color
150, 204, 183

Achromatopsia
188, 188, 188

Achromatomaly
174, 194, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 204, 183 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(171, 204, 150)` looks like.

```
.text, #text, p{  
    color:rgb(171, 204, 150)  
}
```

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(171, 204, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 204, 150) }
```

Border

The CSS property to change the border of an element to RYB 150, 204, 183 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(171, 204, 150) }
```

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

```
.border{ border-color:rgb(171, 204, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 204, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 204, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 204, 150);  
box-shadow:4px 4px 4px 4px rgb(171, 204,  
150) }
```

Background

The CSS property to change the background color of an element to RYB 150, 204, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 204, 150) }
```

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

```
.background{ background-color: rgb(171,  
204, 150) }
```

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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