

Converting Colors

`RYB(152, 207, 188)`

Have a look what the booklet for
RYB(152, 207, 188) contains.

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Color

R_YB(152, 207, 188)

Conversions

Conversions Part 1

Format	Color
Hex	ABCF98
RGB	171, 207, 152
RGB Percent	67%, 81%, 60%
CMY	0.3294, 0.1882, 0.4039
CMYK	0.17, 0.00, 0.27, 0.19
HSL	99°, 36%, 70%
HSV	99°, 27%, 81%
XYZ	44.7749, 55.5506, 38.0682
YIQ	189.9660, -3.8010, -24.7370

Conversions

Conversions Part 2

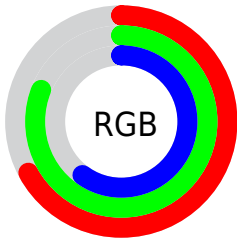
Format	Color
RYB	152, 207, 188
Decimal	11259800
CIELab	79.36, -21.98, 23.51
CIELCh	79, 32.184, 133.064
Yxy	55.5506, 0.3235, 0.4014
Android (android.graphics.Color)	4289449880 (0xFFABCF98)
YUV	189.9660, -18.7172, -16.6332
Hunter-Lab	74.5323, -23.1984, 21.8895

Details

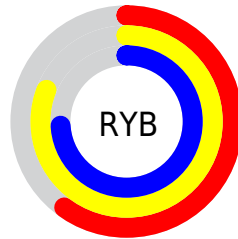
The RYB color **152, 207, 188** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **188, 152, 207**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **207, 255, 235**, and **101, 153, 136** is the 20% darker color. If you saturate the color by 10%, you get **131, 207, 181**, and if you desaturate by 10%, it is **173, 207, 195**.

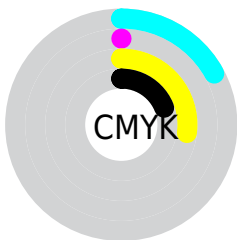
Distribution



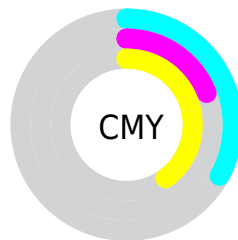
- Red (67%)
- Green (81%)
- Blue (60%)



- Red (60%)
- Yellow (81%)
- Blue (74%)



- Cyan (17%)
- Magenta (0%)
- Yellow (27%)
- Black (19%)



- Cyan (33%)
- Magenta (19%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 207, 188 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 152, 207, 188 by changing the saturation by 10% instead.

 152, 207, 188

255, 255, 255


 207, 255, 235

 235, 255, 235


 152, 207, 188

 126, 179, 161

 101, 153, 136

 76, 126, 109

 53, 101, 86

 31, 77, 63

 8, 54, 41

 0, 33, 33


 0, 0, 0

 152, 207, 188

 152, 207, 188

 131, 207, 181

 173, 207, 195

 111, 207, 174

 193, 207, 202

 90, 207, 167

 212, 207, 214

 69, 207, 159

 225, 207, 235

 49, 207, 153

 239, 207, 255

 28, 207, 145

 252, 207, 255

 7, 207, 138

 255, 207, 255

 0, 207, 135

Harmonies

Analogous

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



145, 205, 138



152, 207, 188



136, 185, 212

Triad

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



152, 207, 188



134, 178, 253



255, 175, 184

Complementary

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



152, 207, 188



188, 152, 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.



245, 176, 215



152, 207, 188



177, 192, 255

Square

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



152, 207, 188



105, 164, 236



217, 184, 241



252, 187, 157

Rectangle

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



152, 207, 188



116, 168, 213



217, 184, 241



255, 174, 195

Sweetspot

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



152, 207, 188



235, 255, 248



181, 207, 152



115, 128, 124



0, 0, 0



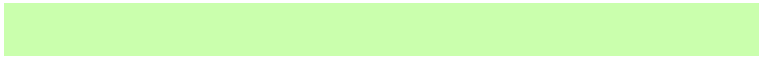
128, 128, 128

Same Dimension

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



152, 207, 188



173, 255, 226



152, 200, 207



94, 105, 101



0, 168, 110



0, 41, 27

Inverse Universe

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



188, 152, 207



227, 173, 255



207, 152, 199



101, 94, 105



110, 0, 168



27, 0, 41

Previews

White Background



This preview shows how the RYB color 152, 207, 188 looks on a white background.

Color Contrast Check

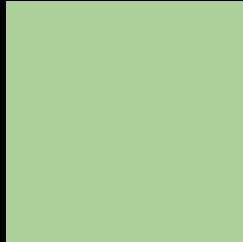
Large Text (above 18pt) WCAG AA × Fail

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 152, 207, 188 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 152, 207, 188 Background



This preview shows how black text looks on a background with the RYB color 152, 207, 188.

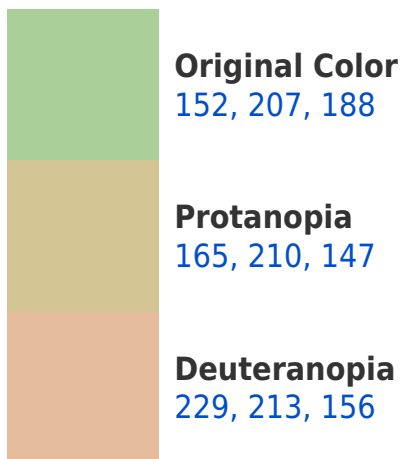


This preview shows how white text looks on a background with the RYB color 152, 207, 188.

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

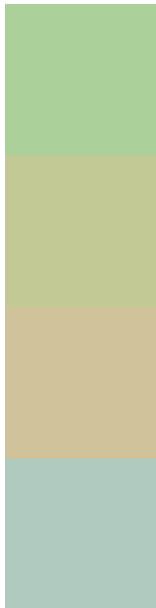




Tritanopia

181, 193, 215

Trichromacy



Original Color
152, 207, 188

Protanomaly
149, 200, 153

Deuteranomaly
172, 208, 155

Tritanomaly
177, 193, 202

Monochromacy



Original Color
152, 207, 188

Achromatopsia
190, 190, 190

Achromatomaly
176, 196, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 207, 188 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, 207, 152)` looks like.

```
.text, #text, p{  
    color:rgb(171, 207, 152)  
}
```

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, 207, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 207, 152) }
```

Border

The CSS property to change the border of an element to RYB 152, 207, 188 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, 207, 152) }
```

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

```
.border{ border-color:rgb(171, 207, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 207, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 207, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 207, 152);  
box-shadow:4px 4px 4px 4px rgb(171, 207,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 152, 207, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 207, 152) }
```

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

```
.background{ background-color: rgb(171,  
207, 152) }
```

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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