

Converting Colors

`RYB(152, 206, 188)`

Have a look what the booklet for
RYB(152, 206, 188) contains.

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Color

R_YB(152, 206, 188)

Conversions

Conversions Part 1

Format	Color
Hex	AACE98
RGB	170, 206, 152
RGB Percent	67%, 81%, 60%
CMY	0.3333, 0.1922, 0.4039
CMYK	0.17, 0.00, 0.26, 0.19
HSL	100°, 36%, 70%
HSV	100°, 26%, 81%
XYZ	44.3164, 54.9557, 37.9775
YIQ	189.0800, -4.1220, -24.4260

Conversions

Conversions Part 2

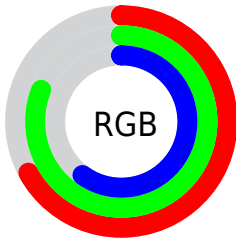
Format	Color
RYB	152, 206, 188
Decimal	11194008
CIELab	79.02, -21.84, 23.04
CIElCh	79, 31.741, 133.468
Yxy	54.9557, 0.3229, 0.4004
Android (android.graphics.Color)	4289384088 (0xFFAAACE98)
YUV	189.0800, -18.2804, -16.7332
Hunter-Lab	74.1321, -23.0234, 21.5184

Details

The RYB color **152, 206, 188** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **188, 152, 206**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **207, 255, 236**, and **101, 152, 136** is the 20% darker color. If you saturate the color by 10%, you get **131, 206, 181**, and if you desaturate by 10%, it is **173, 206, 195**.

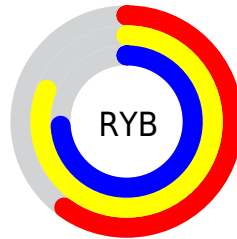
Distribution



Red (67%)

Green (81%)

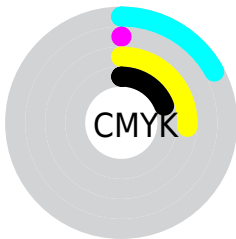
Blue (60%)



Red (60%)

Yellow (81%)

Blue (74%)

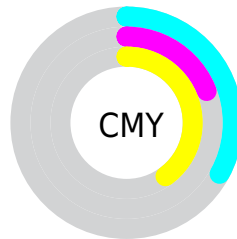


Cyan (17%)

Magenta (0%)

Yellow (26%)

Black (19%)



Cyan (33%)

Magenta (19%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 206, 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, 206, 188 by changing the saturation by 10% instead.


 152, 206, 188


255, 255, 255


 207, 255, 236

 235, 255, 235


 152, 206, 188

 126, 178, 161

 101, 152, 136

 76, 126, 110

 53, 100, 86

 31, 76, 63

 8, 53, 40

 0, 32, 32


 0, 0, 0

 152, 206, 188

 152, 206, 188

 131, 206, 181

 173, 206, 195

 111, 206, 174

 193, 206, 202

 90, 206, 167

 211, 206, 214

 70, 206, 161

 225, 206, 234

 49, 206, 154

 239, 206, 255

 28, 206, 146

 252, 206, 255

 8, 206, 140

 255, 206, 255

 0, 206, 137

Harmonies

Analogous

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



143, 203, 138



152, 206, 188



136, 184, 211

Triad

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



152, 206, 188



135, 178, 252



255, 174, 183

Complementary

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



152, 206, 188



188, 152, 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.



244, 176, 213



152, 206, 188



177, 191, 253

Square

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



152, 206, 188



106, 164, 235



217, 183, 239



250, 186, 156

Rectangle

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



152, 206, 188



116, 168, 212



217, 183, 239



253, 174, 193

Sweetspot

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



152, 206, 188



235, 255, 249



179, 206, 152



115, 128, 124



0, 0, 0



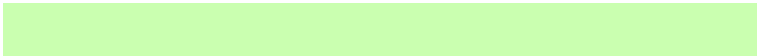
128, 128, 128

Same Dimension

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



152, 206, 188



176, 255, 229



152, 198, 206



92, 102, 99



0, 166, 111



0, 38, 25

Inverse Universe

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



188, 152, 206



229, 176, 255



206, 152, 197



99, 92, 102



111, 0, 166



26, 0, 38

Previews

White Background



This preview shows how the RYB color 152, 206, 188 looks on a white background.

Color Contrast Check

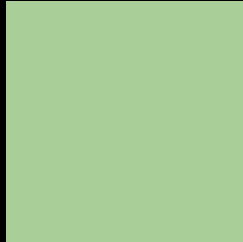
Large Text (above 18pt) WCAG AA × Fail

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, 206, 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, 206, 188 Background



This preview shows how black text looks on a background with the RYB color 152, 206, 188.



This preview shows how white text looks on a background with the RYB color 152, 206, 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](#).

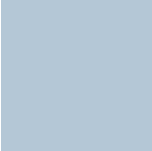
Dichromacy



Original Color
152, 206, 188

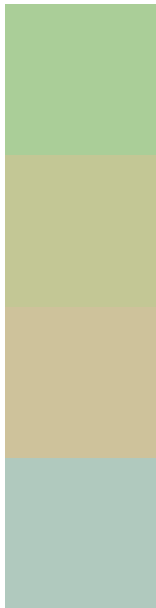
Protanopia
165, 209, 147

Deuteranopia
227, 211, 156



Tritanopia
180, 192, 214

Trichromacy



Original Color
152, 206, 188

Protanomaly
149, 199, 153

Deuteranomaly
171, 206, 155

Tritanomaly
176, 192, 201

Monochromacy



Original Color
152, 206, 188

Achromatopsia
189, 189, 189

Achromatomaly
176, 195, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 206, 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(170, 206, 152)` looks like.

```
.text, #text, p{  
    color:rgb(170, 206, 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(170, 206, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 206, 152) }
```

Border

The CSS property to change the border of an element to RYB 152, 206, 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(170, 206, 152) }
```

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

```
.border{ border-color:rgb(170, 206, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 206, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 206, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 206, 152);  
box-shadow:4px 4px 4px 4px rgb(170, 206,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 152, 206, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 206, 152) }
```

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

```
.background{ background-color: rgb(170,  
206, 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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