

Converting Colors

`RYB(152, 205, 170)`

Have a look what the booklet for
RYB(152, 205, 170) contains.

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Color

R_YB(152, 205, 170)

Conversions

Conversions Part 1

Format	Color
Hex	BBCD98
RGB	187, 205, 152
RGB Percent	73%, 80%, 60%
CMY	0.2667, 0.1961, 0.4039
CMYK	0.09, 0.00, 0.26, 0.20
HSL	80°, 35%, 70%
HSV	80°, 26%, 80%
XYZ	47.9923, 56.4944, 38.0808
YIQ	193.5760, 6.2850, -20.2990

Conversions

Conversions Part 2

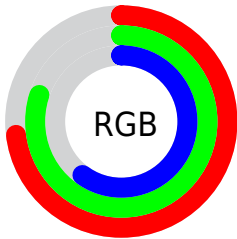
Format	Color
RYB	152, 205, 170
Decimal	12307864
CIELab	79.89, -15.19, 24.42
CIELCh	80, 28.761, 121.873
Yxy	56.4944, 0.3366, 0.3963
Android (android.graphics.Color)	4290497944 (0xFFBBCD98)
YUV	193.5760, -20.4970, -5.7672
Hunter-Lab	75.1628, -17.5605, 22.5750

Details

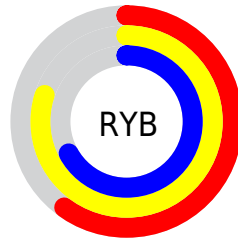
The RYB color **152, 205, 170** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **170, 152, 205**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **207, 255, 218**, and **101, 151, 119** is the 20% darker color. If you saturate the color by 10%, you get **132, 205, 157**, and if you desaturate by 10%, it is **173, 205, 184**.

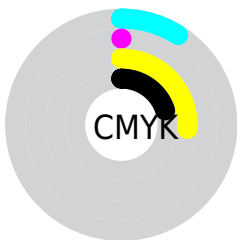
Distribution



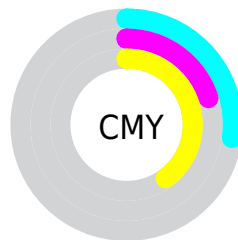
- Red (73%)
- Green (80%)
- Blue (60%)



- Red (60%)
- Yellow (80%)
- Blue (67%)



- Cyan (9%)
- Magenta (0%)
- Yellow (26%)
- Black (20%)



- Cyan (27%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 152, 205, 170 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, 205, 170 by changing the saturation by 10% instead.

 152, 205, 170


255, 255, 255

 207, 255, 218


 235, 255, 235


 152, 205, 170

 126, 178, 144

 101, 151, 119

 76, 125, 93

 53, 100, 70

 31, 76, 48

 8, 53, 25

 0, 32, 17


 0, 0, 0

 152, 205, 170

 152, 205, 170

 132, 205, 157

 173, 205, 184

 111, 205, 143

 193, 205, 197

 90, 205, 129

 208, 205, 214

 70, 205, 116

 215, 205, 234

 50, 205, 103

 222, 205, 255

 29, 205, 89

 229, 205, 255

 8, 205, 75

 236, 205, 255

 0, 205, 70

 243, 205, 255

 250, 205, 255

Harmonies

Analogous

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



171, 216, 145



152, 205, 170



156, 199, 211

Triad

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



152, 205, 170



133, 178, 245



250, 179, 197

Complementary

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



152, 205, 170



170, 152, 205

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.



234, 182, 224



152, 205, 170



167, 191, 251

Square

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



152, 205, 170



118, 168, 225



204, 191, 244



251, 182, 171

Rectangle

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



152, 205, 170



137, 182, 213



204, 191, 244



247, 179, 207

Sweetspot

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



152, 205, 170



235, 255, 242



205, 179, 152



115, 128, 120



0, 0, 0



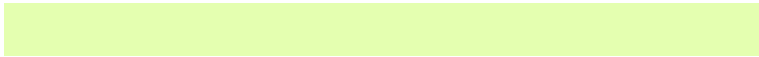
128, 128, 128

Same Dimension

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



152, 205, 170



176, 255, 203



152, 205, 196



92, 102, 95



0, 166, 57



0, 38, 13

Inverse Universe

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



170, 152, 205



203, 176, 255



196, 152, 205



95, 92, 102



56, 0, 166



13, 0, 38

Previews

White Background



This preview shows how the RYB color 152, 205, 170 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, 205, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

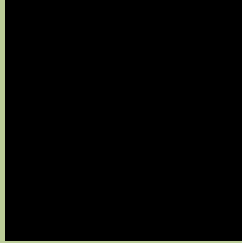
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

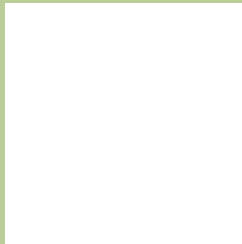
Any Text WCAG AAA ✓ Pass

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

RYB 152, 205, 170 Background



This preview shows how black text looks on a background with the RYB color 152, 205, 170.

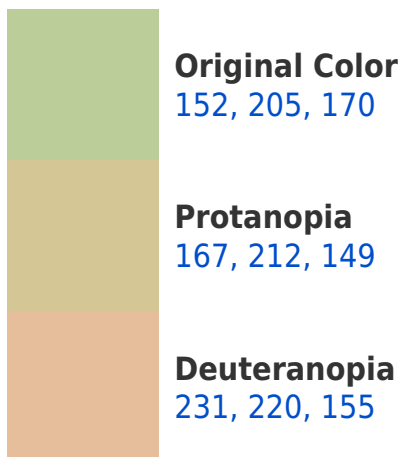


This preview shows how white text looks on a background with the RYB color 152, 205, 170.

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](#).

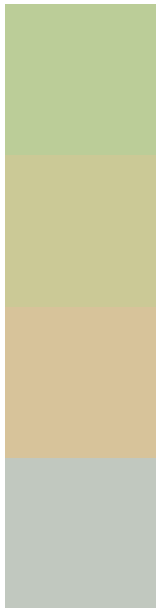
Dichromacy





Tritanopia
196, 197, 213

Trichromacy



Original Color
152, 205, 170

Protanomaly
152, 203, 150

Deuteranomaly
184, 215, 154

Tritanomaly
191, 200, 198

Monochromacy



Original Color
152, 205, 170

Achromatopsia
194, 194, 194

Achromatomaly
179, 198, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 152, 205, 170 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(187, 205, 152)` looks like.

```
.text, #text, p{  
    color:rgb(187, 205, 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(187, 205, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 205, 152) }
```

Border

The CSS property to change the border of an element to RYB 152, 205, 170 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(187, 205, 152) }
```

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

```
.border{ border-color:rgb(187, 205, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 205, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 205, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 205, 152);  
box-shadow:4px 4px 4px 4px rgb(187, 205,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 152, 205, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 205, 152) }
```

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

```
.background{ background-color: rgb(187,  
205, 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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