

Converting Colors

`RYB(162, 204, 176)`

Have a look what the booklet for
RYB(162, 204, 176) contains.

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Color

R_YB(162, 204, 176)

Conversions

Conversions Part 1

Format	Color
Hex	BECCA2
RGB	190, 204, 162
RGB Percent	75%, 80%, 64%
CMY	0.2549, 0.2000, 0.3647
CMYK	0.07, 0.00, 0.21, 0.20
HSL	80°, 29%, 72%
HSV	80°, 21%, 80%
XYZ	49.3497, 56.7415, 42.5336
YIQ	195.0260, 5.1380, -16.0300

Conversions

Conversions Part 2

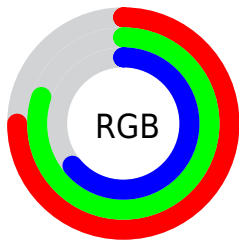
Format	Color
RYB	162, 204, 176
Decimal	12504226
CIELab	80.03, -12.07, 19.37
CIELCh	80, 22.826, 121.923
Yxy	56.7415, 0.3320, 0.3818
Android (android.graphics.Color)	4290694306 (0xFFBECCA2)
YUV	195.0260, -16.2818, -4.4078
Hunter-Lab	75.3270, -14.8798, 19.2506

Details

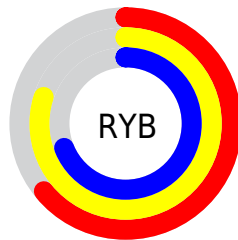
The RYB color **162, 204, 176** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **176, 162, 204**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **217, 255, 225**, and **110, 150, 124** is the 20% darker color. If you saturate the color by 10%, you get **142, 204, 163**, and if you desaturate by 10%, it is **182, 204, 189**.

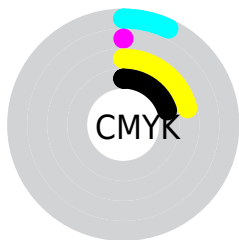
Distribution



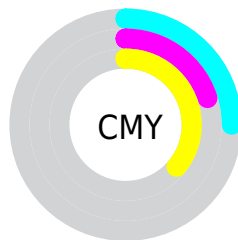
- Red (75%)
- Green (80%)
- Blue (64%)



- Red (64%)
- Yellow (80%)
- Blue (69%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (20%)



- Cyan (25%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 204, 176 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 162, 204, 176 by changing the saturation by 10% instead.


 162, 204, 176

255, 255, 255


 217, 255, 225

 245, 255, 245


 162, 204, 176

 136, 177, 150

 110, 150, 124

 86, 124, 99

 62, 99, 75

 40, 75, 53

 19, 53, 32

 0, 31, 10

 0, 0, 0

 162, 204, 176

 162, 204, 176

■ 142, 204, 163

■ 182, 204, 189

■ 121, 204, 149

■ 203, 204, 203

■ 101, 204, 135

■ 210, 204, 223

■ 80, 204, 121

■ 217, 204, 244

■ 60, 204, 108

■ 224, 204, 255

■ 40, 204, 95

■ 231, 204, 255

■ 19, 204, 81

■ 238, 204, 255

■ 0, 204, 68

■ 244, 204, 255

■ 251, 204, 255

Harmonies

Analogous

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



178, 213, 156



162, 204, 176



166, 200, 209

Triad

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



162, 204, 176



151, 184, 235



241, 183, 198

Complementary

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



162, 204, 176



176, 162, 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.



227, 186, 219



162, 204, 176



176, 194, 241

Square

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



162, 204, 176



140, 177, 220



204, 193, 235



242, 186, 177

Rectangle

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



162, 204, 176



152, 186, 210



204, 193, 235



238, 184, 205

Sweetspot

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



162, 204, 176



240, 255, 245



204, 183, 162



119, 128, 122



0, 0, 0



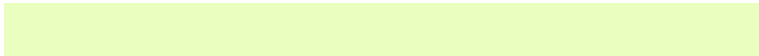
128, 128, 128

Same Dimension

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



162, 204, 176



191, 255, 212



162, 204, 197



92, 102, 95



0, 166, 56



0, 38, 13

Inverse Universe

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



176, 162, 204



212, 191, 255



197, 162, 204



95, 92, 102



55, 0, 166



13, 0, 38

Previews

White Background



This preview shows how the RYB color 162, 204, 176 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 162, 204, 176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

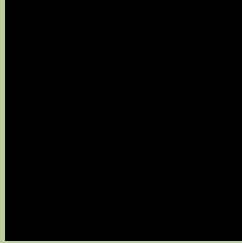
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

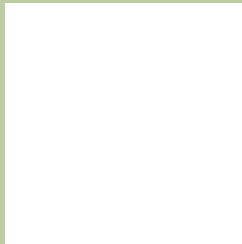
Any Text WCAG AAA ✓ Pass

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

RYB 162, 204, 176 Background



This preview shows how black text looks on a background with the RYB color 162, 204, 176.

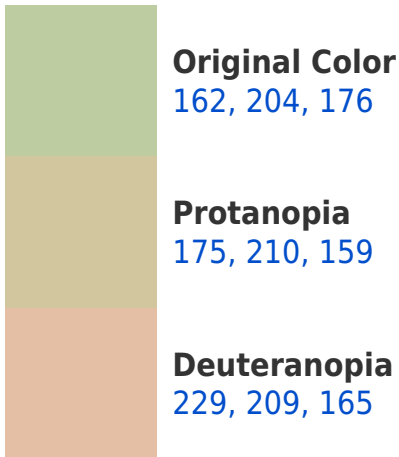


This preview shows how white text looks on a background with the RYB color 162, 204, 176.

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](#).

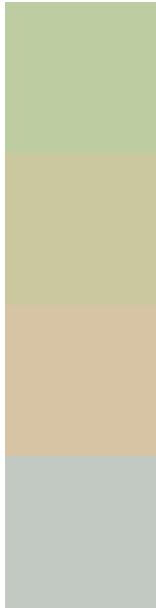
Dichromacy





Tritanopia
197, 197, 213

Trichromacy



Original Color
162, 204, 176

Protanomaly
163, 203, 160

Deuteranomaly
194, 215, 164

Tritanomaly
194, 200, 200

Monochromacy



Original Color
162, 204, 176

Achromatopsia
195, 195, 195

Achromatomaly
183, 198, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 204, 176 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(190, 204, 162) looks like.

```
.text, #text, p{  
    color:rgb(190, 204, 162)  
}
```

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(190, 204, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 204, 162) }
```

Border

The CSS property to change the border of an element to RYB 162, 204, 176 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(190, 204, 162) }
```

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

```
.border{ border-color:rgb(190, 204, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 204, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 204, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 204, 162);  
box-shadow:4px 4px 4px 4px rgb(190, 204,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 162, 204, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 204, 162) }
```

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

```
.background{ background-color: rgb(190,  
204, 162) }
```

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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