

Converting Colors

`RYB(162, 208, 167)`

Have a look what the booklet for
RYB(162, 208, 167) contains.

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Color

R_YB(162, 208, 167)

Conversions

Conversions Part 1

Format	Color
Hex	CBD0A2
RGB	203, 208, 162
RGB Percent	80%, 82%, 64%
CMY	0.2039, 0.1843, 0.3647
CMYK	0.02, 0.00, 0.22, 0.18
HSL	67°, 33%, 73%
HSV	67°, 22%, 82%
XYZ	53.7061, 60.4169, 43.0134
YIQ	201.2610, 11.7860, -15.3660

Conversions

Conversions Part 2

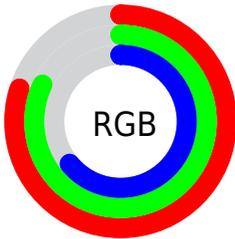
Format	Color
RYB	162, 208, 167
Decimal	13357218
CIELab	82.06, -9.33, 22.33
CIELCh	82, 24.197, 112.675
Yxy	60.4169, 0.3418, 0.3845
Android (android.graphics.Color)	4291547298 (0xFFCBD0A2)
YUV	201.2610, -19.3557, 1.5251
Hunter-Lab	77.7283, -12.6907, 21.5998

Details

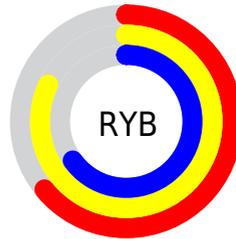
The RYB color **162, 208, 167** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **167, 162, 208**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **217, 255, 217**, and **110, 154, 116** is the 20% darker color. If you saturate the color by 10%, you get **141, 208, 148**, and if you desaturate by 10%, it is **183, 208, 186**.

Distribution



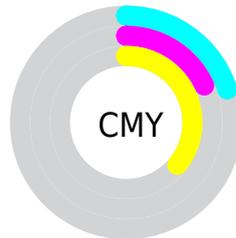
- Red (80%)
- Green (82%)
- Blue (64%)



- Red (64%)
- Yellow (82%)
- Blue (65%)



- Cyan (2%)
- Magenta (0%)
- Yellow (22%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 208, 167 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, 208, 167 by changing the saturation by 10% instead.

 162, 208, 167

255, 255, 255

 217, 255, 217

 246, 255, 246

 162, 208, 167

 136, 180, 141

 110, 154, 116

 85, 128, 91

 62, 103, 68

 39, 79, 45

 18, 56, 24

 0, 34, 5

 0, 14, 14

 0, 0, 0

 162, 208, 167

 162, 208, 167

 141, 208, 148

 183, 208, 186

 120, 208, 130

 204, 208, 204

 100, 208, 112

 210, 208, 224

 79, 208, 93

 212, 208, 245

 58, 208, 74

 214, 208, 255

 37, 208, 56

 217, 208, 255

 16, 208, 37

 219, 208, 255

 0, 208, 23

 221, 208, 255

 223, 208, 255

Harmonies

Analogous

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



201, 227, 159



162, 208, 167



176, 214, 213

Triad

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



162, 208, 167



147, 186, 239



246, 188, 211

Complementary

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



162, 208, 167



167, 162, 208

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.



228, 193, 232



162, 208, 167



170, 196, 249

Square

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



162, 208, 167



141, 180, 221



201, 200, 246



251, 189, 188

Rectangle

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



162, 208, 167



161, 197, 216



201, 200, 246



241, 189, 218

Sweetspot

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



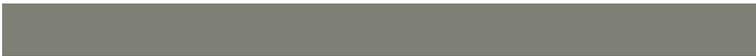
162, 208, 167



237, 255, 239



208, 168, 162



117, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



162, 208, 167



186, 255, 193



162, 208, 190



94, 105, 96



0, 168, 18



0, 41, 5

Inverse Universe

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



167, 162, 208



194, 186, 255



190, 162, 208



95, 94, 105



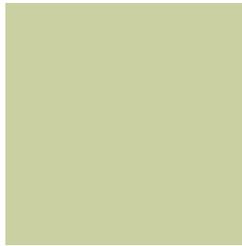
18, 0, 168



4, 0, 41

Previews

White Background



This preview shows how the RYB color 162, 208, 167 looks on a white background.

Color Contrast Check

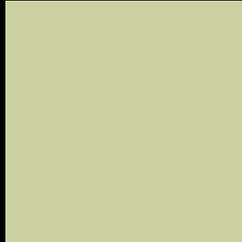
Large Text (above 18pt) WCAG AA × Fail

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, 208, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

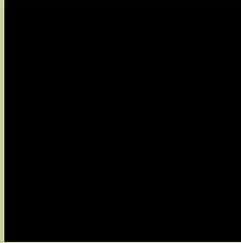
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

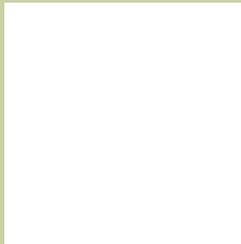
Any Text WCAG AAA ✓ Pass

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

RYB 162, 208, 167 Background



This preview shows how black text looks on a background with the RYB color 162, 208, 167.

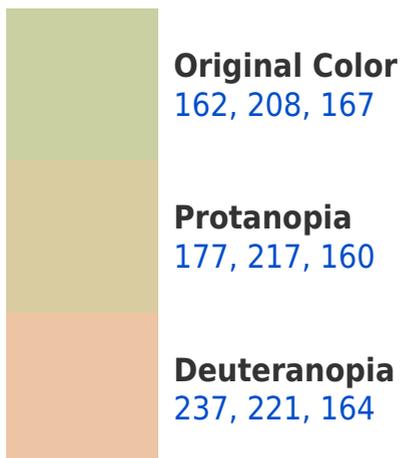


This preview shows how white text looks on a background with the RYB color 162, 208, 167.

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
210, 201, 216

Trichromacy



Original Color
162, 208, 167

Protanomaly
169, 212, 161

Deuteranomaly
205, 225, 163

Tritanomaly
200, 207, 196

Monochromacy



Original Color
162, 208, 167

Achromatopsia
201, 201, 201

Achromatomaly
187, 204, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 162, 208, 167 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(203, 208, 162) looks like.

```
.text, #text, p{  
    color:rgb(203, 208, 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(203, 208, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 208, 162) }
```

Border

The CSS property to change the border of an element to RYB 162, 208, 167 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(203, 208, 162) }
```

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

```
.border{ border-color:rgb(203, 208, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 208, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 208, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 208, 162);  
box-shadow:4px 4px 4px 4px rgb(203, 208,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 162, 208, 167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 208, 162) }
```

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

```
.background{ background-color: rgb(203,  
208, 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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