

Converting Colors

`RYB(167, 205, 180)`

Have a look what the booklet for
RYB(167, 205, 180) contains.

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Color

R_YB(167, 205, 180)

Conversions

Conversions Part 1

Format	Color
Hex	C0CDA7
RGB	192, 205, 167
RGB Percent	75%, 80%, 65%
CMY	0.2471, 0.1961, 0.3451
CMYK	0.06, 0.00, 0.19, 0.20
HSL	81°, 28%, 73%
HSV	81°, 19%, 80%
XYZ	50.5446, 57.6591, 45.0246
YIQ	196.7810, 4.4500, -14.5740

Conversions

Conversions Part 2

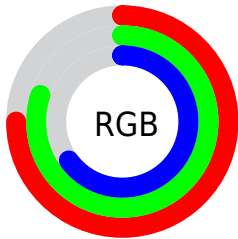
Format	Color
RYB	167, 205, 180
Decimal	12635559
CIELab	80.55, -11.07, 17.46
CIElCh	81, 20.676, 122.377
Yxy	57.6591, 0.3299, 0.3763
Android (android.graphics.Color)	4290825639 (0xFFC0CDA7)
YUV	196.7810, -14.6820, -4.1929
Hunter-Lab	75.9336, -14.0667, 17.9977

Details

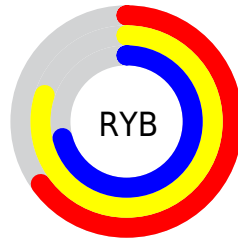
The RYB color **167, 205, 180** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **180, 167, 205**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **222, 255, 228**, and **115, 151, 128** is the 20% darker color. If you saturate the color by 10%, you get **147, 205, 167**, and if you desaturate by 10%, it is **187, 205, 193**.

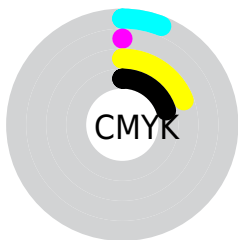
Distribution



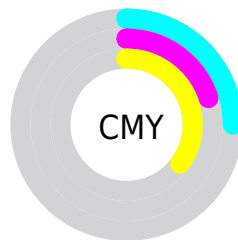
- Red (75%)
- Green (80%)
- Blue (65%)



- Red (65%)
- Yellow (80%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (19%)
- Black (20%)



- Cyan (25%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 167, 205, 180 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 167, 205, 180 by changing the saturation by 10% instead.


 167, 205, 180

255, 255, 255


 222, 255, 228


 251, 255, 251

 167, 205, 180

 141, 178, 154

 115, 151, 128

 90, 125, 102

 67, 100, 79

 44, 76, 56

 23, 53, 34

 0, 32, 9

 0, 4, 4

 0, 0, 0

 167, 205, 180

 167, 205, 180

 147, 205, 167

 187, 205, 193

 126, 205, 153

 206, 205, 208

 106, 205, 140

 213, 205, 228

 85, 205, 126

 220, 205, 249

 65, 205, 113

 227, 205, 255

 44, 205, 99

 234, 205, 255

 24, 205, 86

 241, 205, 255

 3, 205, 72

 248, 205, 255

 0, 205, 70

 255, 205, 255

Harmonies

Analogous

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



180, 213, 161



167, 205, 180



170, 200, 209

Triad

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



167, 205, 180



158, 188, 233



239, 186, 199

Complementary

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



167, 205, 180



180, 167, 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.



227, 189, 218



167, 205, 180



180, 195, 238

Square

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



167, 205, 180



148, 181, 220



205, 194, 232



240, 189, 180

Rectangle

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



167, 205, 180



158, 190, 211



205, 194, 232



236, 187, 206

Sweetspot

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



167, 205, 180



240, 255, 245



205, 187, 167



119, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



167, 205, 180



199, 255, 218



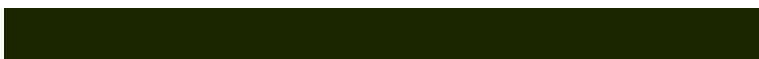
167, 205, 199



92, 102, 95



0, 166, 57



0, 38, 13

Inverse Universe

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



180, 167, 205



218, 199, 255



199, 167, 205



95, 92, 102



57, 0, 166



13, 0, 38

Previews

White Background



This preview shows how the RYB color 167, 205, 180 looks on a white background.

Color Contrast Check

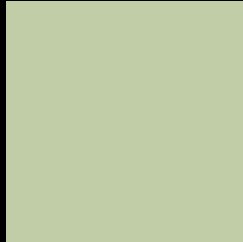
Large Text (above 18pt) WCAG AA × Fail

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 167, 205, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

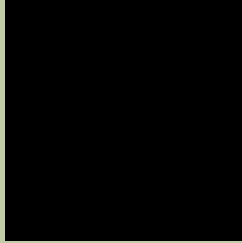
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

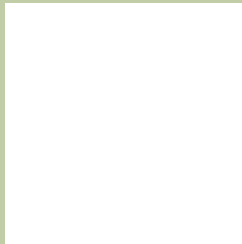
Any Text WCAG AAA ✓ Pass

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

RYB 167, 205, 180 Background



This preview shows how black text looks on a background with the RYB color 167, 205, 180.

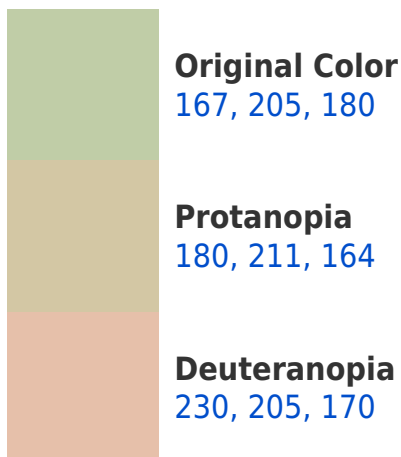



This preview shows how white text looks on a background with the RYB color 167, 205, 180.

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](#).

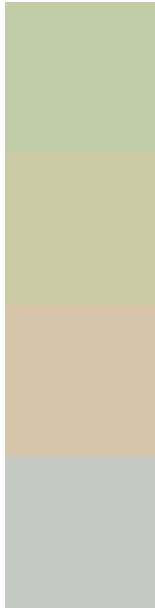
Dichromacy





Tritanopia
199, 198, 214

Trichromacy



Original Color
167, 205, 180

Protanomaly
168, 204, 165

Deuteranomaly
201, 216, 169

Tritanomaly
196, 200, 201

Monochromacy



Original Color
167, 205, 180

Achromatopsia
197, 197, 197

Achromatomaly
186, 200, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 167, 205, 180 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(192, 205, 167)` looks like.

```
.text, #text, p{  
    color:rgb(192, 205, 167)  
}
```

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(192, 205, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 205, 167) }
```

Border

The CSS property to change the border of an element to RYB 167, 205, 180 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(192, 205, 167) }
```

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

```
.border{ border-color:rgb(192, 205, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 205, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 205, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 205, 167);  
box-shadow:4px 4px 4px 4px rgb(192, 205,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 167, 205, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 205, 167) }
```

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

```
.background{ background-color: rgb(192,  
205, 167) }
```

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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