

Converting Colors

`RYB(165, 194, 178)`

Have a look what the booklet for
RYB(165, 194, 178) contains.

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Color

R_YB(165, 194, 178)

Conversions

Conversions Part 1

Format	Color
Hex	B5C2A5
RGB	181, 194, 165
RGB Percent	71%, 76%, 65%
CMY	0.2902, 0.2392, 0.3529
CMYK	0.07, 0.00, 0.15, 0.24
HSL	87°, 19%, 70%
HSV	87°, 15%, 76%
XYZ	45.1394, 51.1239, 43.0861
YIQ	186.8070, 1.5610, -11.7750

Conversions

Conversions Part 2

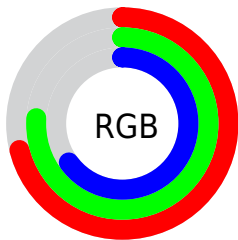
Format	Color
RYB	165, 194, 178
Decimal	11911845
CIELab	76.75, -9.70, 13.09
CIELCh	77, 16.292, 126.549
Yxy	51.1239, 0.3239, 0.3669
Android (android.graphics.Color)	4290101925 (0xFFB5C2A5)
YUV	186.8070, -10.7509, -5.0927
Hunter-Lab	71.5010, -12.4378, 14.3229

Details

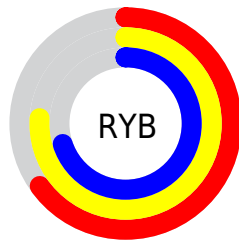
The RYB color **165, 194, 178** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **178, 165, 194**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **220, 250, 233**, and **113, 140, 125** is the 20% darker color. If you saturate the color by 10%, you get **146, 194, 168**, and if you desaturate by 10%, it is **184, 194, 188**.

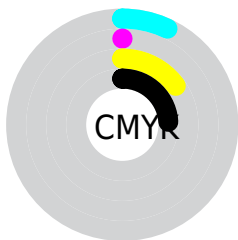
Distribution



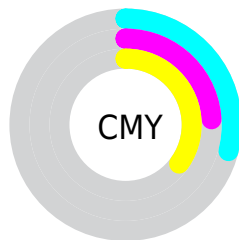
- Red (71%)
- Green (76%)
- Blue (65%)



- Red (65%)
- Yellow (76%)
- Blue (70%)



- Cyan (7%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)



- Cyan (29%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 194, 178 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 165, 194, 178 by changing the saturation by 10% instead.


 165, 194, 178

255, 255, 255


 220, 250, 233

 249, 255, 249

 165, 194, 178

 139, 167, 152

 113, 140, 125

 89, 115, 101

 65, 90, 76

 43, 67, 54

 22, 45, 33

 0, 25, 12

 0, 0, 0

 165, 194, 178


 165, 194, 178

 146, 194, 168


 184, 194, 188

 126, 194, 156


 198, 194, 204

 107, 194, 146


 207, 194, 223

 87, 194, 135


 216, 194, 243


 68, 194, 124


 224, 194, 255


 49, 194, 114


 233, 194, 255

 29, 194, 103

 242, 194, 255

 10, 194, 93

 251, 194, 255

 0, 194, 87

 255, 194, 255

Harmonies

Analogous

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



172, 198, 160



165, 194, 178



164, 188, 197

Triad

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



165, 194, 178



160, 181, 217



221, 179, 187

Complementary

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



165, 194, 178



178, 165, 194

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.



212, 181, 202



165, 194, 178



177, 187, 219

Square

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



165, 194, 178



151, 176, 207



196, 185, 214



220, 183, 172

Rectangle

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



165, 194, 178



156, 180, 198



196, 185, 214



219, 179, 192

Sweetspot

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



165, 194, 178



242, 252, 246



194, 189, 165



121, 128, 124



0, 0, 0



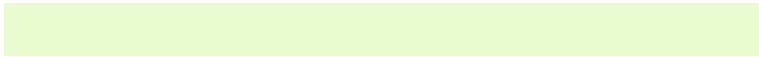
128, 128, 128

Same Dimension

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



165, 194, 178



207, 252, 227



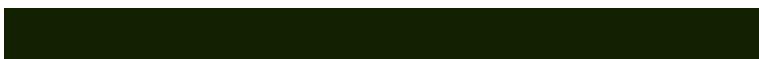
165, 194, 192



87, 97, 91



0, 161, 72



0, 33, 15

Inverse Universe

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



178, 165, 194



227, 207, 252



192, 165, 194



92, 87, 97



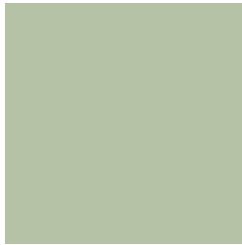
72, 0, 161



15, 0, 33

Previews

White Background



This preview shows how the RYB color 165, 194, 178 looks on a white background.

Color Contrast Check

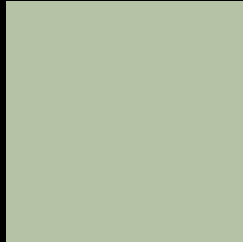
Large Text (above 18pt) WCAG AA × Fail

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 165, 194, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

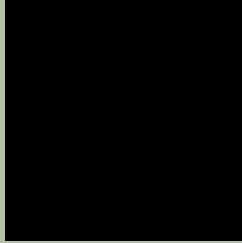
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

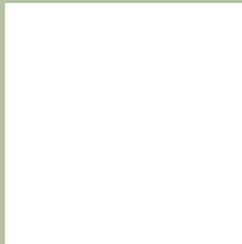
Any Text WCAG AAA ✓ Pass

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

RYB 165, 194, 178 Background



This preview shows how black text looks on a background with the RYB color 165, 194, 178.

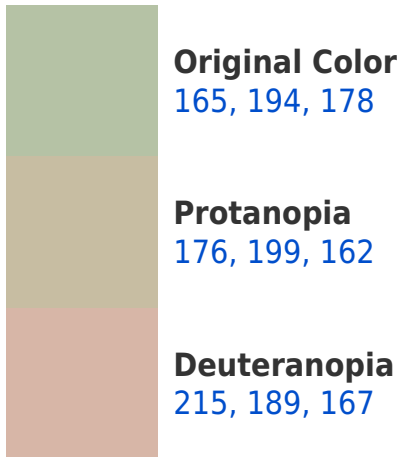


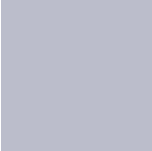
This preview shows how white text looks on a background with the RYB color 165, 194, 178.

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
187, 189, 203

Trichromacy



Original Color
165, 194, 178

Protanomaly
164, 192, 163

Deuteranomaly
197, 203, 166

Tritanomaly
185, 189, 191

Monochromacy



Original Color
165, 194, 178

Achromatopsia
187, 187, 187

Achromatomaly
179, 190, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 194, 178 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(181, 194, 165)` looks like.

```
.text, #text, p{  
    color:rgb(181, 194, 165)  
}
```

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(181, 194, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 194, 165) }
```

Border

The CSS property to change the border of an element to RYB 165, 194, 178 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(181, 194, 165) }
```

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

```
.border{ border-color:rgb(181, 194, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 194, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 194, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 194, 165);  
box-shadow:4px 4px 4px 4px rgb(181, 194,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 165, 194, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 194, 165) }
```

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

```
.background{ background-color: rgb(181,  
194, 165) }
```

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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