

Converting Colors

RGB(178, 203, 148)

Have a look what the booklet for
RGB(178, 203, 148) contains.

RGB(178, 203, 148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(178, 203, 148)

Conversions

Conversions Part 1

Format	Color
Hex	B2CB94
RGB	178, 203, 148
RGB Percent	70%, 80%, 58%
CMY	0.3020, 0.2039, 0.4196
CMYK	0.12, 0.00, 0.27, 0.20
HSL	87°, 35%, 69%
HSV	87°, 27%, 80%
XYZ	45.0613, 54.3150, 36.1258
YIQ	189.2550, 2.7550, -22.4050

Conversions

Conversions Part 2

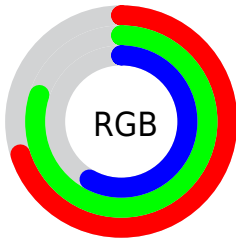
Format	Color
RYB	148, 203, 173
Decimal	11717524
CIELab	78.65, -18.08, 24.72
CIELCh	79, 30.628, 126.174
Yxy	54.3150, 0.3326, 0.4008
Android (android.graphics.Color)	4289907604 (0xFFB2CB94)
YUV	189.2550, -20.3387, -9.8706
Hunter-Lab	73.6987, -19.8331, 22.5261

Details

The RGB color **178, 203, 148** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **173, 148, 203**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **234, 255, 202**, and **125, 149, 97** is the 20% darker color. If you saturate the color by 10%, you get **169, 203, 128**, and if you desaturate by 10%, it is **187, 203, 168**.

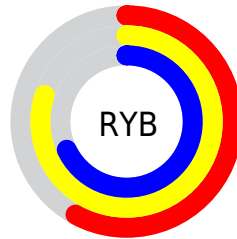
Distribution



Red (70%)

Green (80%)

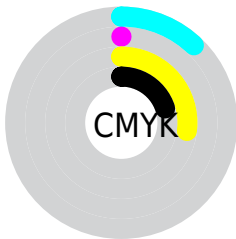
Blue (58%)



Red (58%)

Yellow (80%)

Blue (68%)

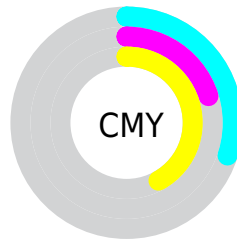


Cyan (12%)

Magenta (0%)

Yellow (27%)

Black (20%)



Cyan (30%)

Magenta (20%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the RGB color 178, 203, 148 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 RGB color 178, 203, 148 by changing the saturation by 10% instead.

 178, 203, 148

 178, 203, 148


255, 255, 255

 151, 176, 122


 234, 255, 202

 125, 149, 97


 255, 255, 231

 99, 123, 73

 75, 98, 50

 51, 74, 27

 29, 51, 3

 1, 31, 0

 0, 0, 0

 178, 203, 148


 178, 203, 148

 169, 203, 128


 187, 203, 168

 160, 203, 107

 196, 203, 189

 150, 203, 87


 206, 203, 209

 141, 203, 67


 215, 203, 229

 132, 203, 47


 224, 203, 250

 123, 203, 26

 233, 203, 255

 113, 203, 6

 243, 203, 255

 111, 203, 0

 252, 203, 255

 255, 203, 255

Harmonies

Analogous

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



209, 195, 138



178, 203, 148



145, 208, 171

Triad

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



178, 203, 148



128, 204, 246



251, 174, 190

Complementary

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



178, 203, 148



173, 148, 203

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.



236, 177, 218



178, 203, 148



167, 195, 251

Square

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



178, 203, 148



107, 209, 227



206, 185, 241



250, 177, 162

Rectangle

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



178, 203, 148



125, 210, 190



206, 185, 241



248, 174, 199

Sweetspot

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



178, 203, 148



246, 255, 235



203, 173, 148



122, 128, 115



0, 0, 0



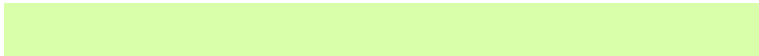
128, 128, 128

Same Dimension

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



178, 203, 148



217, 255, 171



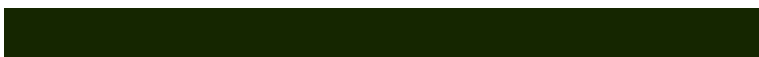
151, 203, 148



97, 102, 92



90, 166, 0



21, 38, 0

Inverse Universe

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



173, 148, 203



209, 171, 255



200, 148, 203



96, 92, 102



75, 0, 166



17, 0, 38

Previews

White Background



This preview shows how the RGB color 178, 203, 148 looks on a white background.

Color Contrast Check

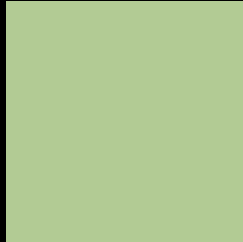
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 178, 203, 148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

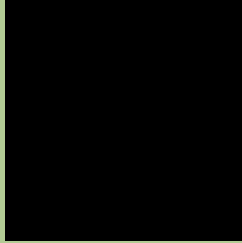
Any Text WCAG AA ✓ Pass

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](#).

RGB 178, 203, 148 Background



This preview shows how black text looks on a background with the RGB color 178, 203, 148.



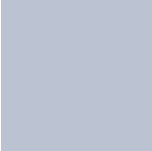
This preview shows how white text looks on a background with the RGB color 178, 203, 148.

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, 195, 210

Trichromacy



Original Color
178, 203, 148

Protanomaly
197, 197, 145

Deuteranomaly
209, 192, 150

Tritanomaly
184, 198, 187

Monochromacy



Original Color
178, 203, 148

Achromatopsia
189, 189, 189

Achromatomaly
185, 194, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 203, 148 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(178, 203, 148)` looks like.

```
.text, #text, p{  
    color:rgb(178, 203, 148)  
}
```

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(178, 203, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 203, 148) }
```

Border

The CSS property to change the border of an element to RGB 178, 203, 148 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(178, 203, 148) }
```

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

```
.border{ border-color:rgb(178, 203, 148) }
```

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

Here you see how a box with a 4 pixel rgb(178, 203, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 203, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 203, 148);  
box-shadow:4px 4px 4px 4px rgb(178, 203,  
148) }
```

Background

The CSS property to change the background color of an element to RGB 178, 203, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 203, 148) }
```

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

```
.background{ background-color: rgb(178,  
203, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor