

Converting Colors

RGB(149, 204, 139)

Have a look what the booklet for
RGB(149, 204, 139) contains.

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Color

RGB(149, 204, 139)

Conversions

Conversions Part 1

Format	Color
Hex	95CC8B
RGB	149, 204, 139
RGB Percent	58%, 80%, 55%
CMY	0.4157, 0.2000, 0.4549
CMYK	0.27, 0.00, 0.32, 0.20
HSL	111°, 39%, 67%
HSV	111°, 32%, 80%
XYZ	38.6475, 51.4394, 32.3180
YIQ	180.1450, -11.9150, -31.8750

Conversions

Conversions Part 2

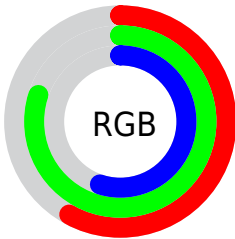
Format	Color
RYB	139, 204, 194
Decimal	9817227
CIELab	76.94, -30.20, 26.84
CIELCh	77, 40.402, 138.373
Yxy	51.4394, 0.3157, 0.4202
Android (android.graphics.Color)	4288007307 (0xFF95CC8B)
YUV	180.1450, -20.2845, -27.3142
Hunter-Lab	71.7212, -29.3262, 23.4885

Details

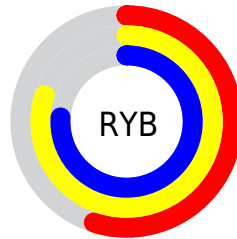
The RGB color **149, 204, 139** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **194, 139, 204**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **204, 255, 193**, and **96, 149, 88** is the 20% darker color. If you saturate the color by 10%, you get **132, 204, 119**, and if you desaturate by 10%, it is **166, 204, 159**.

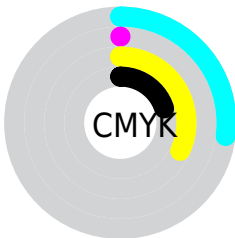
Distribution



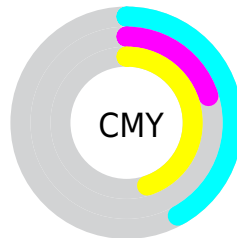
- Red (58%)
- Green (80%)
- Blue (55%)



- Red (55%)
- Yellow (80%)
- Blue (76%)



- Cyan (27%)
- Magenta (0%)
- Yellow (32%)
- Black (20%)



- Cyan (42%)
- Magenta (20%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 149, 204, 139 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 149, 204, 139 by changing the saturation by 10% instead.

 149, 204, 139


255, 255, 255

 204, 255, 193


 233, 255, 221

 255, 255, 250

 149, 204, 139

 122, 176, 113

 96, 149, 88

 71, 123, 64

 46, 98, 41

 19, 74, 19

 0, 51, 0

 0, 32, 0


 0, 0, 0

 149, 204, 139

 149, 204, 139


 132, 204, 119

 166, 204, 159

 114, 204, 98

 184, 204, 180

 97, 204, 78

 201, 204, 200

 80, 204, 57


 218, 204, 221

 63, 204, 37

 235, 204, 241

 45, 204, 17

 253, 204, 255

 31, 204, 0

 255, 204, 255

Harmonies

Analogous

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



192, 195, 118



149, 204, 139



101, 209, 174

Triad

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



149, 204, 139



111, 198, 255



255, 162, 168

Complementary

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



149, 204, 139



194, 139, 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.



254, 162, 206



149, 204, 139



173, 186, 255

Square

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



149, 204, 139



46, 206, 245



223, 172, 240



253, 170, 136

Rectangle

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



149, 204, 139



66, 210, 200



223, 172, 240



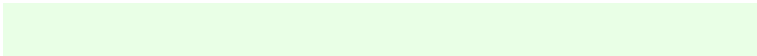
255, 161, 181

Sweetspot

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



149, 204, 139



233, 255, 230



204, 193, 139



115, 128, 112



0, 0, 0



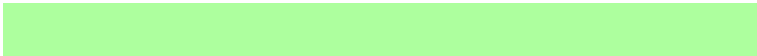
128, 128, 128

Same Dimension

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



149, 204, 139



173, 255, 158



139, 204, 161



93, 102, 92



26, 166, 0



6, 38, 0

Inverse Universe

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



194, 139, 204



240, 158, 255



204, 139, 182



100, 92, 102



140, 0, 166



32, 0, 38

Previews

White Background



This preview shows how the RGB color 149, 204, 139 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 149, 204, 139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

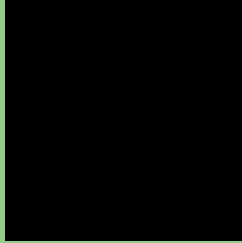
Any Text WCAG AA ✓ Pass

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 149, 204, 139 Background



This preview shows how black text looks on a background with the RGB color 149, 204, 139.



This preview shows how white text looks on a background with the RGB color 149, 204, 139.

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](#).

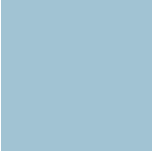
Dichromacy



Original Color
149, 204, 139

Protanopia
204, 189, 133

Deuteranopia
223, 182, 144



Tritanopia
161, 195, 211

Trichromacy



Original Color
149, 204, 139

Protanomaly
184, 194, 135

Deuteranomaly
196, 190, 142

Tritanomaly
157, 198, 185

Monochromacy



Original Color
149, 204, 139

Achromatopsia
180, 180, 180

Achromatomaly
169, 189, 165

CSS Examples

Text

The CSS property to change the color of the text to RGB 149, 204, 139 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(149, 204, 139)` looks like.

```
.text, #text, p{  
    color:rgb(149, 204, 139)  
}
```

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(149, 204, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 204, 139) }
```

Border

The CSS property to change the border of an element to RGB 149, 204, 139 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(149, 204, 139) }
```

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

```
.border{ border-color:rgb(149, 204, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 204, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 204, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 204, 139);  
box-shadow:4px 4px 4px 4px rgb(149, 204,  
139) }
```

Background

The CSS property to change the background color of an element to RGB 149, 204, 139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 204, 139) }
```

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

```
.background{ background-color: rgb(149,  
204, 139) }
```

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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