

Converting Colors

`RYB(151, 209, 138)`

Have a look what the booklet for
RYB(151, 209, 138) contains.

RYB(151, 209, 138)	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

R_YB(151, 209, 138)

Conversions

Conversions Part 1

Format	Color
Hex	D1C68A
RGB	209, 198, 138
RGB Percent	82%, 78%, 54%
CMY	0.1804, 0.2235, 0.4588
CMYK	0.00, 0.05, 0.34, 0.18
HSL	51°, 44%, 68%
HSV	51°, 34%, 82%
XYZ	51.0787, 55.7839, 32.1200
YIQ	194.4490, 25.8160, -16.3280

Conversions

Conversions Part 2

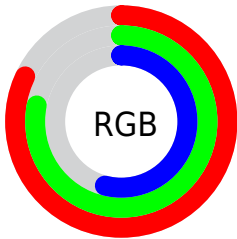
Format	Color
RYB	151, 209, 138
Decimal	13747850
CIELab	79.49, -5.09, 31.50
CIELCh	79, 31.909, 99.176
Yxy	55.7839, 0.3675, 0.4014
Android (android.graphics.Color)	4291937930 (0xFFD1C68A)
YUV	194.4490, -27.8294, 12.7612
Hunter-Lab	74.6886, -8.6308, 26.7843

Details

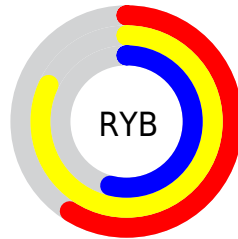
The RYB color **151, 209, 138** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **138, 148, 209**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **192, 255, 192**, and **99, 154, 87** is the 20% darker color. If you saturate the color by 10%, you get **134, 209, 117**, and if you desaturate by 10%, it is **169, 209, 159**.

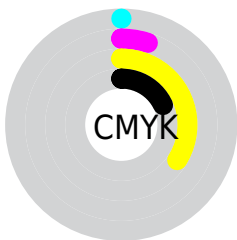
Distribution



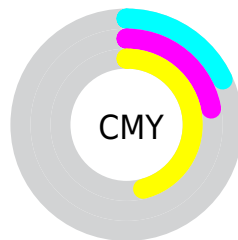
- Red (82%)
- Green (78%)
- Blue (54%)



- Red (59%)
- Yellow (82%)
- Blue (54%)



- Cyan (0%)
- Magenta (5%)
- Yellow (34%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 209, 138 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 151, 209, 138 by changing the saturation by 10% instead.

 151, 209, 138


255, 255, 255

 192, 255, 192


 220, 255, 220


 249, 255, 249

 151, 209, 138

 124, 181, 112


 99, 154, 87

 72, 127, 63

 48, 101, 40

 22, 76, 17

 4, 52, 0

 1, 29, 0

 0, 0, 0

 151, 209, 138

 151, 209, 138

■ 134, 209, 117

■ 169, 209, 159

■ 116, 209, 96

■ 186, 209, 180

■ 100, 209, 75

■ 202, 209, 201

■ 82, 209, 54

■ 209, 211, 222

■ 66, 209, 34

■ 209, 213, 243

■ 48, 209, 13

■ 209, 216, 255

■ 38, 209, 0

■ 209, 219, 255

■ 209, 220, 255

■ 209, 222, 255

Harmonies

Analogous

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



236, 232, 142



151, 209, 138



150, 206, 180

Triad

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



151, 209, 138



105, 163, 233



242, 178, 219

Complementary

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



151, 209, 138



138, 148, 209

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.



213, 186, 243



151, 209, 138



130, 177, 252

Square

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



151, 209, 138



113, 166, 214



172, 191, 255



255, 175, 189

Rectangle

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



151, 209, 138



153, 199, 210



172, 191, 255



234, 180, 228

Sweetspot

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



151, 209, 138



235, 255, 230



209, 138, 150



116, 128, 112



0, 0, 0



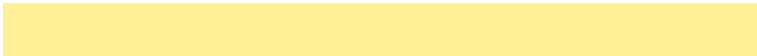
128, 128, 128

Same Dimension

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



151, 209, 138



169, 255, 150



138, 209, 162



96, 105, 94



31, 168, 0



8, 41, 0

Inverse Universe

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



138, 148, 209



150, 165, 255



162, 138, 209



94, 96, 105



0, 23, 168



0, 5, 41

Previews

White Background



This preview shows how the RYB color 151, 209, 138 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 151, 209, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

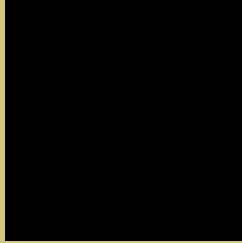
Any Text WCAG AA ✓ Pass

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 151, 209, 138 Background



This preview shows how black text looks on a background with the RYB color 151, 209, 138.



This preview shows how white text looks on a background with the RYB color 151, 209, 138.

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
151, 209, 138

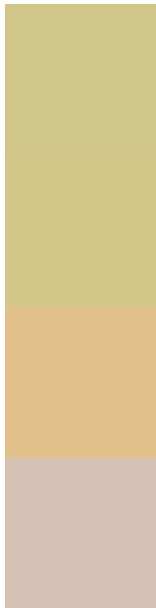
Protanopia
157, 213, 137

Deuteranopia
226, 234, 140



Tritanopia
217, 190, 204

Trichromacy



Original Color

151, 209, 138

Protanomaly

156, 212, 137

Deuteranomaly

193, 225, 139

Tritanomaly

214, 201, 180

Monochromacy



Original Color

151, 209, 138

Achromatopsia

194, 194, 194

Achromatomaly

179, 199, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 209, 138 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(209, 198, 138)` looks like.

```
.text, #text, p{  
    color:rgb(209, 198, 138)  
}
```

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(209, 198, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 198, 138) }
```

Border

The CSS property to change the border of an element to RYB 151, 209, 138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

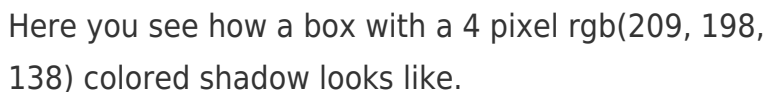
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 198, 138) }
```

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

```
.border{ border-color:rgb(209, 198, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 198, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 198, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 198, 138); box-shadow:4px 4px 4px 4px rgb(209, 198, 138) }
```

Background

The CSS property to change the background color of an element to RYB 151, 209, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 198, 138) }
```

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

```
.background{ background-color: rgb(209,  
198, 138) }
```

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