

Converting Colors

`RYB(149, 209, 188)`

Have a look what the booklet for
RYB(149, 209, 188) contains.

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Color

RYB(149, 209, 188)

Conversions

Conversions Part 1

Format	Color
Hex	AAD195
RGB	170, 209, 149
RGB Percent	67%, 82%, 58%
CMY	0.3333, 0.1804, 0.4157
CMYK	0.19, 0.00, 0.29, 0.18
HSL	99°, 39%, 70%
HSV	99°, 29%, 82%
XYZ	44.8028, 56.3169, 36.9427
YIQ	190.4990, -3.9840, -26.9280

Conversions

Conversions Part 2

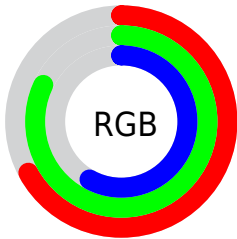
Format	Color
RYB	149, 209, 188
Decimal	11194773
CIELab	79.79, -23.78, 25.67
CIElCh	80, 34.989, 132.809
Yxy	56.3169, 0.3245, 0.4079
Android (android.graphics.Color)	4289384853 (0xFFAAD195)
YUV	190.4990, -20.4590, -17.9776
Hunter-Lab	75.0446, -24.7606, 23.3442

Details

The RYB color **149, 209, 188** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **188, 149, 209**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **203, 255, 232**, and **98, 154, 135** is the 20% darker color. If you saturate the color by 10%, you get **128, 209, 181**, and if you desaturate by 10%, it is **170, 209, 195**.

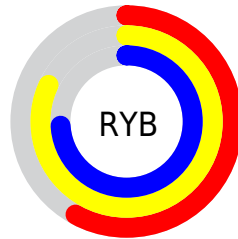
Distribution



Red (67%)

Green (82%)

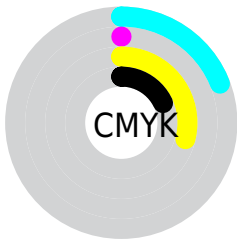
Blue (58%)



Red (58%)

Yellow (82%)

Blue (74%)

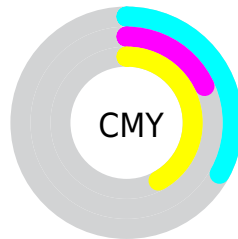


Cyan (19%)

Magenta (0%)

Yellow (29%)

Black (18%)



Cyan (33%)

Magenta (18%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 209, 188 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 149, 209, 188 by changing the saturation by 10% instead.


 149, 209, 188


255, 255, 255


 203, 255, 232


 232, 255, 232


 149, 209, 188

 123, 181, 161

 98, 154, 135

 73, 128, 110

 50, 103, 86

 28, 79, 64

 4, 56, 41

 0, 34, 34

 0, 0, 0

 149, 209, 188

 149, 209, 188

 128, 209, 181

 170, 209, 195

 107, 209, 173

 191, 209, 203

 86, 209, 166

 211, 209, 212

 65, 209, 158

 224, 209, 233

 45, 209, 152

 238, 209, 254

 24, 209, 145

 252, 209, 255

 3, 209, 137

 255, 209, 255

 0, 209, 136

Harmonies

Analogous

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



141, 206, 134



149, 209, 188



132, 185, 214

Triad

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



149, 209, 188



126, 175, 255



255, 173, 185

Complementary

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



149, 209, 188



188, 149, 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.



250, 176, 218



149, 209, 188



176, 192, 255

Square

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



149, 209, 188



92, 159, 241



220, 184, 246



255, 187, 155

Rectangle

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



149, 209, 188



108, 166, 216



220, 184, 246



255, 173, 196

Sweetspot

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



149, 209, 188



232, 255, 247



181, 209, 149



113, 128, 123



0, 0, 0



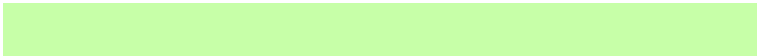
128, 128, 128

Same Dimension

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



149, 209, 188



168, 255, 224



149, 201, 209



94, 105, 101



0, 168, 109



0, 41, 27

Inverse Universe

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



188, 149, 209



225, 168, 255



209, 149, 200



101, 94, 105



109, 0, 168



27, 0, 41

Previews

White Background



This preview shows how the RYB color 149, 209, 188 looks on a white background.

Color Contrast Check

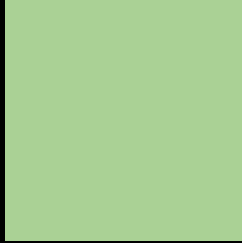
Large Text (above 18pt) WCAG AA × Fail

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 149, 209, 188 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 149, 209, 188 Background



This preview shows how black text looks on a background with the RYB color 149, 209, 188.

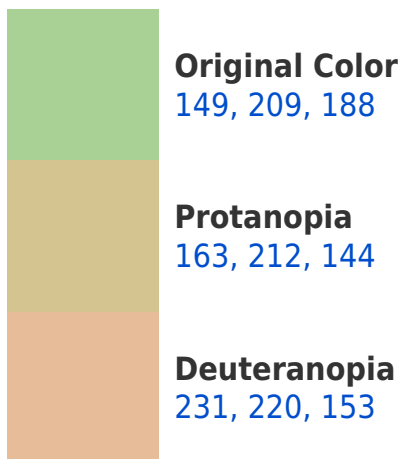



This preview shows how white text looks on a background with the RYB color 149, 209, 188.

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](#).

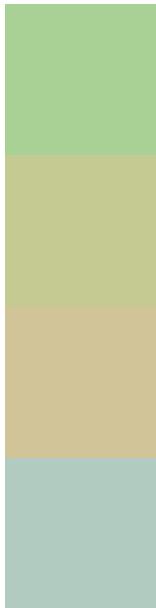
Dichromacy





Tritanopia
181, 193, 216

Trichromacy



Original Color
149, 209, 188

Protanomaly
146, 201, 150

Deuteranomaly
169, 209, 152

Tritanomaly
177, 193, 203

Monochromacy



Original Color
149, 209, 188

Achromatopsia
190, 190, 190

Achromatomaly
175, 197, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 209, 188 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(170, 209, 149)` looks like.

```
.text, #text, p{  
    color:rgb(170, 209, 149)  
}
```

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(170, 209, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 209, 149) }
```

Border

The CSS property to change the border of an element to RYB 149, 209, 188 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(170, 209, 149) }
```

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

```
.border{ border-color:rgb(170, 209, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 209, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 209, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 209, 149);  
box-shadow:4px 4px 4px 4px rgb(170, 209,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 149, 209, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 209, 149) }
```

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

```
.background{ background-color: rgb(170,  
209, 149) }
```

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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