

Converting Colors

`RYB(149, 188, 200)`

Have a look what the booklet for
RYB(149, 188, 200) contains.

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Color

R_YB(149, 188, 200)

Conversions

Conversions Part 1

Format	Color
Hex	95C8A5
RGB	149, 200, 165
RGB Percent	58%, 78%, 65%
CMY	0.4157, 0.2157, 0.3541
CMYK	0.25, 0.00, 0.18, 0.22
HSL	138°, 32%, 68%
HSV	138°, 25%, 78%
XYZ	39.8123, 50.4035, 43.0812
YIQ	180.7610, -19.1610, -21.6970

Conversions

Conversions Part 2

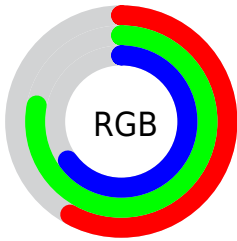
Format	Color
RYB	149, 188, 200
Decimal	9816229
CIELab	76.32, -23.81, 12.34
CIElCh	76, 26.815, 152.603
Yxy	50.4035, 0.2987, 0.3781
Android (android.graphics.Color)	4288006309 (0xFF95C8A5)
YUV	180.7610, -7.7702, -27.8544
Hunter-Lab	70.9954, -24.1442, 13.7187

Details

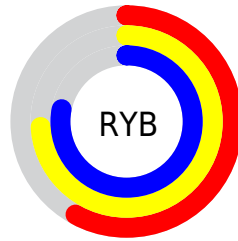
The RYB color **149, 188, 200** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **200, 149, 184**, and the grayscale version is **181, 181, 181**.

A 20% lighter version of the original color is **204, 243, 255**, and **97, 134, 146** is the 20% darker color. If you saturate the color by 10%, you get **129, 183, 200**, and if you desaturate by 10%, it is **169, 192, 200**.

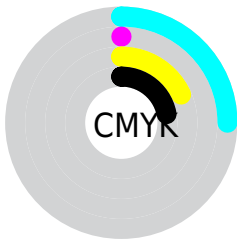
Distribution



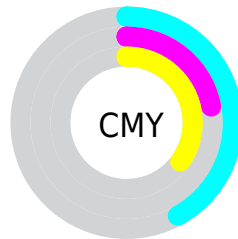
- Red (58%)
- Green (78%)
- Blue (65%)



- Red (58%)
- Yellow (74%)
- Blue (78%)



- Cyan (25%)
- Magenta (0%)
- Yellow (18%)
- Black (22%)



- Cyan (42%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 149, 188, 200 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, 188, 200 by changing the saturation by 10% instead.


 149, 188, 200

 149, 188, 200


255, 255, 255


 123, 161, 173


 204, 243, 255

 97, 134, 146

 232, 246, 255

 72, 108, 120

 48, 83, 95

 23, 57, 71

 0, 33, 48

 0, 29, 29

 0, 0, 0

 149, 188, 200

 149, 188, 200

■ 129, 183, 200

■ 169, 192, 200

■ 109, 179, 200

■ 189, 198, 200

■ 89, 174, 200

■ 209, 200, 206

■ 69, 169, 200

■ 229, 200, 220

■ 49, 165, 200

■ 249, 200, 234

■ 29, 160, 200

■ 255, 200, 248

■ 9, 155, 200

■ 255, 200, 255

■ 0, 153, 200

Harmonies

Analogous

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



146, 195, 164



149, 188, 200



125, 167, 202

Triad

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



149, 188, 200



161, 182, 237



238, 173, 163

Complementary

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



149, 188, 200



200, 149, 184

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.



237, 170, 187



149, 188, 200



195, 181, 230

Square

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



149, 188, 200



130, 170, 231



222, 174, 211



226, 204, 145

Rectangle

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



149, 188, 200



116, 160, 206



222, 174, 211



239, 171, 170

Sweetspot

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



149, 188, 200



235, 250, 255



149, 200, 164



115, 125, 128



0, 0, 0



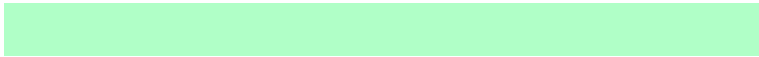
128, 128, 128

Same Dimension

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



149, 188, 200



176, 237, 255



149, 177, 200



90, 97, 99



0, 125, 163



0, 28, 36

Inverse Universe

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



200, 149, 184



255, 176, 231



200, 149, 159



99, 90, 96



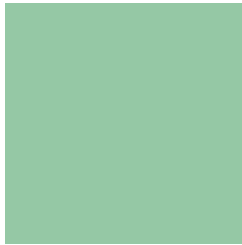
163, 0, 113



36, 0, 25

Previews

White Background



This preview shows how the RYB color 149, 188, 200 looks on a white background.

Color Contrast Check

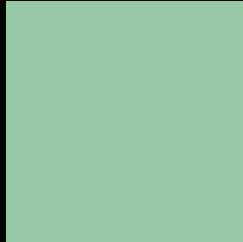
Large Text (above 18pt) WCAG AA × Fail

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, 188, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

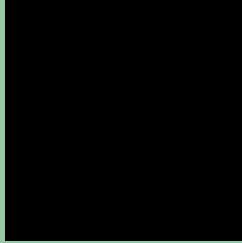
Any Text WCAG AA ✓ Pass

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, 188, 200 Background



This preview shows how black text looks on a background with the RYB color 149, 188, 200.

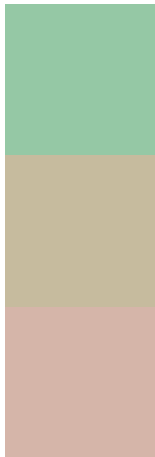


This preview shows how white text looks on a background with the RYB color 149, 188, 200.

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, 188, 200

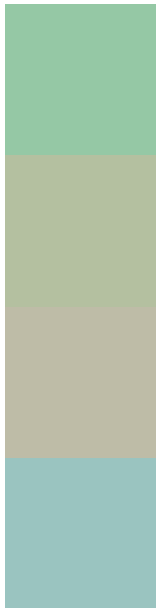
Protanopia
173, 198, 158

Deuteranopia
213, 186, 169



Tritanopia
157, 179, 209

Trichromacy



Original Color
149, 188, 200

Protanomaly
160, 192, 172

Deuteranomaly
169, 190, 167

Tritanomaly
154, 176, 196

Monochromacy



Original Color
149, 188, 200

Achromatopsia
181, 181, 181

Achromatomaly
169, 183, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 149, 188, 200 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, 200, 165)` looks like.

```
.text, #text, p{  
    color:rgb(149, 200, 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(149, 200, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 200, 165) }
```

Border

The CSS property to change the border of an element to RYB 149, 188, 200 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, 200, 165) }
```

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

```
.border{ border-color:rgb(149, 200, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 200, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 200, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 200, 165); box-shadow:4px 4px 4px 4px rgb(149, 200, 165) }
```

Background

The CSS property to change the background color of an element to RYB 149, 188, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 200, 165) }
```

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

```
.background{ background-color: rgb(149,  
200, 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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