

Converting Colors

`RYB(148, 204, 218)`

Have a look what the booklet for
RYB(148, 204, 218) contains.

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Color

R_YB(148, 204, 218)

Conversions

Conversions Part 1

Format	Color
Hex	94DAA6
RGB	148, 218, 166
RGB Percent	58%, 85%, 65%
CMY	0.4196, 0.1451, 0.3510
CMYK	0.32, 0.00, 0.24, 0.15
HSL	135°, 49%, 72%
HSV	135°, 32%, 85%
XYZ	44.1213, 59.1736, 44.9326
YIQ	191.1420, -25.0280, -31.0120

Conversions

Conversions Part 2

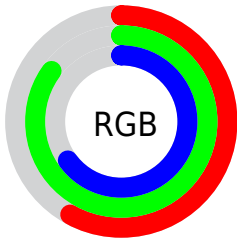
Format	Color
RYB	148, 204, 218
Decimal	9755302
CIELab	81.39, -32.63, 19.01
CIELCh	81, 37.759, 149.776
Yxy	59.1736, 0.2977, 0.3992
Android (android.graphics.Color)	4287945382 (0xFF94DAA6)
YUV	191.1420, -12.3950, -37.8355
Hunter-Lab	76.9244, -32.2359, 19.2149

Details

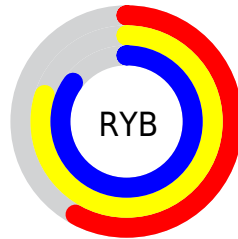
The RYB color **148, 204, 218** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **218, 148, 201**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **204, 242, 255**, and **95, 148, 163** is the 20% darker color. If you saturate the color by 10%, you get **126, 200, 218**, and if you desaturate by 10%, it is **170, 208, 218**.

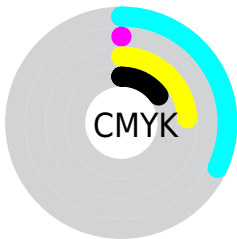
Distribution



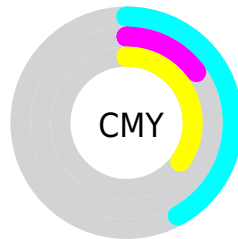
- Red (58%)
- Green (85%)
- Blue (65%)



- Red (58%)
- Yellow (80%)
- Blue (85%)



- Cyan (32%)
- Magenta (0%)
- Yellow (24%)
- Black (15%)



- Cyan (42%)
- Magenta (15%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 204, 218 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 148, 204, 218 by changing the saturation by 10% instead.


 148, 204, 218


255, 255, 255


 204, 242, 255

 232, 245, 255

 148, 204, 218

 121, 176, 190

 95, 149, 163

 69, 121, 136

 42, 93, 110

 10, 63, 86

 0, 46, 62

 0, 40, 40

 0, 9, 9

 0, 0, 0

 148, 204, 218


 148, 204, 218

 126, 200, 218


 170, 208, 218

 104, 195, 218


 192, 213, 218

 83, 191, 218


 213, 217, 218

 61, 187, 218

 235, 218, 231

 39, 182, 218

 255, 218, 247

 17, 178, 218

 255, 218, 255

 0, 174, 218

Harmonies

Analogous

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



140, 211, 161



148, 204, 218



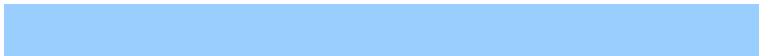
106, 169, 221

Triad

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



148, 204, 218



153, 188, 255



255, 179, 169

Complementary

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



148, 204, 218



218, 148, 201

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.



255, 175, 204



148, 204, 218



206, 193, 255

Square

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



148, 204, 218



101, 167, 255



247, 181, 238



255, 220, 142

Rectangle

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



148, 204, 218



84, 153, 225



247, 181, 238



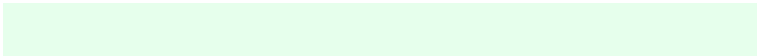
255, 176, 180

Sweetspot

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



148, 204, 218



230, 250, 255



148, 218, 165



112, 125, 128



0, 0, 0



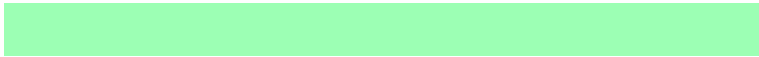
128, 128, 128

Same Dimension

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



148, 204, 218



156, 236, 255



148, 188, 218



99, 108, 110



0, 139, 173



0, 37, 46

Inverse Universe

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



218, 148, 201



255, 156, 230



218, 148, 166



110, 99, 107



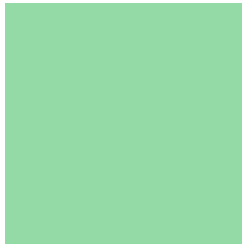
173, 0, 130



46, 0, 34

Previews

White Background



This preview shows how the RYB color 148, 204, 218 looks on a white background.

Color Contrast Check

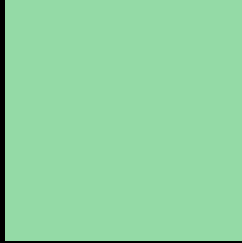
Large Text (above 18pt) WCAG AA × Fail

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 148, 204, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

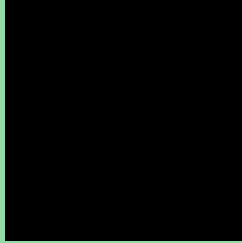
Any Text WCAG AA ✓ Pass

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 148, 204, 218 Background



This preview shows how black text looks on a background with the RYB color 148, 204, 218.

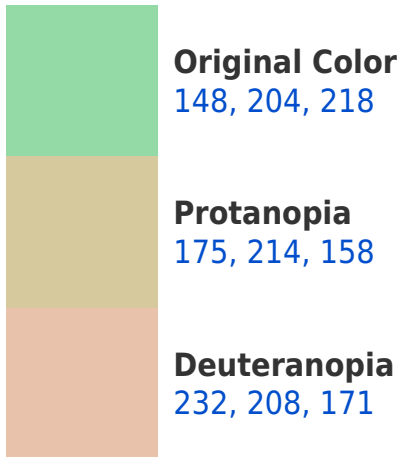


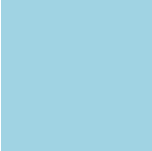
This preview shows how white text looks on a background with the RYB color 148, 204, 218.

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
160, 189, 227

Trichromacy



Original Color

148, 204, 218



Protanomaly

161, 207, 178



Deuteranomaly

169, 203, 171



Tritanomaly

156, 187, 213

Monochromacy



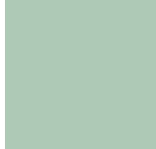
Original Color

148, 204, 218



Achromatopsia

191, 191, 191



Achromatomaly

175, 195, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 204, 218 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(148, 218, 166)` looks like.

```
.text, #text, p{  
    color:rgb(148, 218, 166)  
}
```

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(148, 218, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 218, 166) }
```

Border

The CSS property to change the border of an element to RYB 148, 204, 218 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(148, 218, 166) }
```

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

```
.border{ border-color:rgb(148, 218, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 218, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 218, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 218, 166);  
box-shadow:4px 4px 4px 4px rgb(148, 218,  
166) }
```

Background

The CSS property to change the background color of an element to RYB 148, 204, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 218, 166) }
```

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

```
.background{ background-color: rgb(148,  
218, 166) }
```

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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