

Converting Colors

`RYB(148, 198, 226)`

Have a look what the booklet for
RYB(148, 198, 226) contains.

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Color

R_YB(148, 198, 226)

Conversions

Conversions Part 1

Format	Color
Hex	94E2C0
RGB	148, 226, 192
RGB Percent	58%, 89%, 75%
CMY	0.4196, 0.1137, 0.2483
CMYK	0.35, 0.00, 0.15, 0.11
HSL	154°, 57%, 73%
HSV	154°, 35%, 89%
XYZ	48.8881, 64.4802, 59.5527
YIQ	198.8020, -35.5740, -27.1100

Conversions

Conversions Part 2

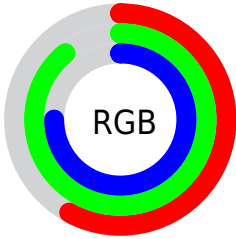
Format	Color
RYB	148, 198, 226
Decimal	9757376
CIELab	84.22, -31.35, 9.22
CIELCh	84, 32.678, 163.603
Yxy	64.4802, 0.2827, 0.3729
Android (android.graphics.Color)	4287947456 (0xFF94E2C0)
YUV	198.8020, -3.3534, -44.5534
Hunter-Lab	80.2996, -31.8496, 12.2383

Details

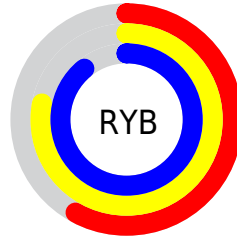
The RYB color **148, 198, 226** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **226, 148, 182**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **204, 231, 255**, and **94, 142, 170** is the 20% darker color. If you saturate the color by 10%, you get **125, 190, 226**, and if you desaturate by 10%, it is **171, 206, 226**.

Distribution



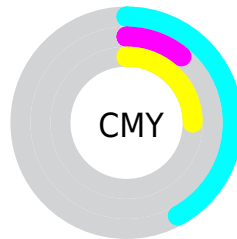
- Red (58%)
- Green (89%)
- Blue (75%)



- Red (58%)
- Yellow (78%)
- Blue (89%)



- Cyan (35%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)



- Cyan (42%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 198, 226 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, 198, 226 by changing the saturation by 10% instead.


 148, 198, 226


255, 255, 255


 204, 231, 255

 233, 244, 255

 148, 198, 226

 121, 170, 198

 94, 142, 170

 67, 115, 144

 39, 88, 118

 0, 54, 92

 0, 42, 68


 0, 30, 45


 0, 23, 23

 0, 0, 0

 148, 198, 226


 148, 198, 226

 125, 190, 226


 171, 206, 226

 103, 182, 226


 193, 214, 226

 80, 173, 226


 216, 222, 226

 58, 166, 226

 238, 226, 231

 35, 157, 226

 255, 226, 241

 12, 149, 226

 255, 226, 251

 0, 145, 226

 255, 226, 255

Harmonies

Analogous

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



165, 221, 203



148, 198, 226



120, 175, 227

Triad

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



148, 198, 226



191, 204, 255



255, 202, 169

Complementary

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



148, 198, 226



226, 148, 182

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, 188, 197



148, 198, 226



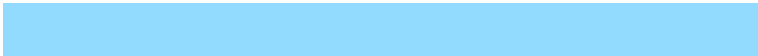
232, 197, 255

Square

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



148, 198, 226



147, 190, 255



255, 189, 228



238, 247, 152

Rectangle

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



148, 198, 226



115, 174, 243



255, 189, 228



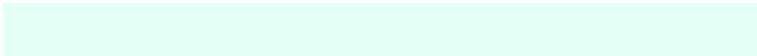
255, 193, 177

Sweetspot

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



148, 198, 226



230, 246, 255



148, 226, 191



112, 122, 128



0, 0, 0



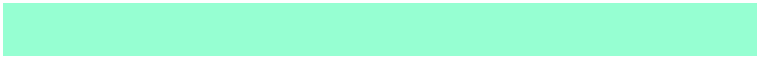
128, 128, 128

Same Dimension

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



148, 198, 226



150, 217, 255



148, 186, 226



101, 108, 112



0, 113, 176



0, 31, 48

Inverse Universe

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



226, 148, 182



255, 150, 196



226, 152, 148



112, 101, 106



176, 0, 77



48, 0, 21

Previews

White Background



This preview shows how the RYB color 148, 198, 226 looks on a white background.

Color Contrast Check

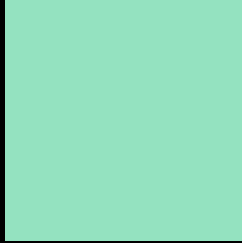
Large Text (above 18pt) WCAG AA × Fail

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, 198, 226 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

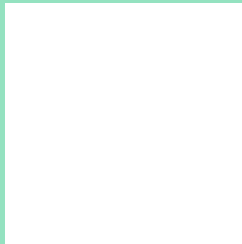
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 148, 198, 226 Background



This preview shows how black text looks on a background with the RYB color 148, 198, 226.

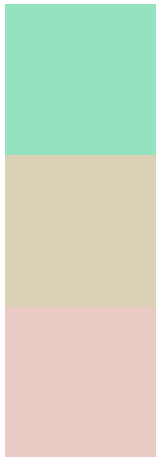


This preview shows how white text looks on a background with the RYB color 148, 198, 226.

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
148, 198, 226

Protanopia
197, 219, 183

Deuteranopia
234, 203, 197



Tritanopia
158, 193, 237

Trichromacy



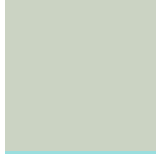
Original Color

148, 198, 226



Protanomaly

186, 215, 208



Deuteranomaly

195, 211, 203



Tritanomaly

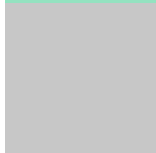
154, 188, 222

Monochromacy



Original Color

148, 198, 226



Achromatopsia

199, 199, 199



Achromatomaly

180, 199, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 198, 226 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, 226, 192)` looks like.

```
.text, #text, p{  
    color:rgb(148, 226, 192)  
}
```

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, 226, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 226, 192) }
```

Border

The CSS property to change the border of an element to RYB 148, 198, 226 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, 226, 192) }
```

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

```
.border{ border-color:rgb(148, 226, 192) }
```

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

Here you see how a box with a 4 pixel rgb(148, 226, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 226, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 226, 192);  
box-shadow:4px 4px 4px 4px rgb(148, 226,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 148, 198, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 226, 192) }
```

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

```
.background{ background-color: rgb(148,  
226, 192) }
```

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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