

Converting Colors

`RYB(148, 190, 232)`

Have a look what the booklet for
RYB(148, 190, 232) contains.

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Color

R_YB(148, 190, 232)

Conversions

Conversions Part 1

Format	Color
Hex	94E8E8
RGB	148, 232, 232
RGB Percent	58%, 91%, 91%
CMY	0.4196, 0.0902, 0.0902
CMYK	0.36, 0.00, 0.00, 0.09
HSL	180°, 65%, 75%
HSV	180°, 36%, 91%
XYZ	55.6348, 69.8353, 86.8912
YIQ	206.8840, -50.0640, -17.8080

Conversions

Conversions Part 2

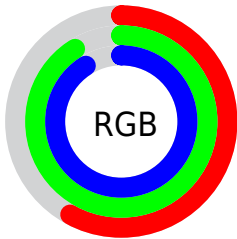
Format	Color
RYB	148, 190, 232
Decimal	9758952
CIELab	86.92, -25.35, -8.07
CIELCh	87, 26.603, 197.657
Yxy	69.8353, 0.2620, 0.3289
Android (android.graphics.Color)	4287949032 (0xFF94E8E8)
YUV	206.8840, 12.3822, -51.6413
Hunter-Lab	83.5675, -27.4073, -3.1508

Details

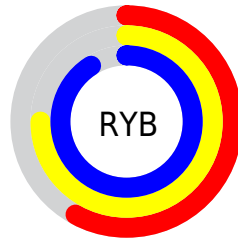
The RYB color **148, 190, 232** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **232, 148, 148**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **205, 230, 255**, and **92, 134, 176** is the 20% darker color. If you saturate the color by 10%, you get **125, 179, 232**, and if you desaturate by 10%, it is **171, 202, 232**.

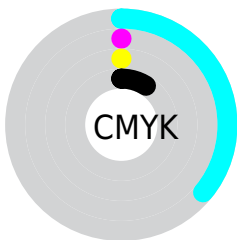
Distribution



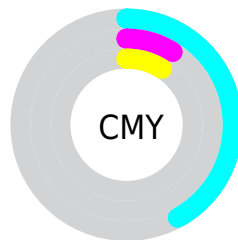
- Red (58%)
- Green (91%)
- Blue (91%)



- Red (58%)
- Yellow (75%)
- Blue (91%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (42%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 190, 232 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, 190, 232 by changing the saturation by 10% instead.


 148, 190, 232


255, 255, 255


 205, 230, 255

 234, 245, 255

 148, 190, 232


 120, 162, 204

 92, 134, 176

 63, 106, 150

 31, 77, 124

 0, 49, 99

 0, 37, 75

 0, 26, 53

 0, 16, 31

 0, 0, 7

■ 148, 190, 232

■ 148, 190, 232

■ 125, 179, 232

■ 171, 202, 232

■ 102, 167, 232

■ 194, 213, 232

■ 78, 155, 232

■ 218, 225, 232

■ 55, 144, 232

■ 241, 232, 232

■ 32, 132, 232

■ 255, 232, 232

■ 9, 121, 232

■ 0, 116, 232

Harmonies

Analogous

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



165, 206, 231



148, 190, 232



151, 195, 254

Triad

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



148, 190, 232



240, 206, 252



230, 246, 169

Complementary

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



148, 190, 232



232, 148, 148

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, 217, 181



148, 190, 232



255, 201, 229

Square

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



148, 190, 232



208, 214, 255



255, 200, 203



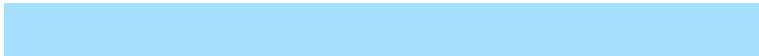
169, 221, 169

Rectangle

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



148, 190, 232



165, 201, 255



255, 200, 203



253, 244, 172

Sweetspot

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



148, 190, 232



227, 241, 255



148, 232, 232



111, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



148, 190, 232



145, 200, 255



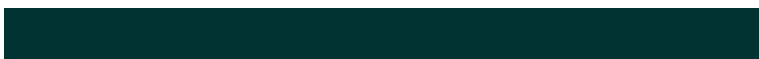
148, 176, 232



103, 109, 115



0, 90, 179



0, 26, 51

Inverse Universe

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



232, 148, 232



255, 145, 255



232, 232, 148



115, 103, 115



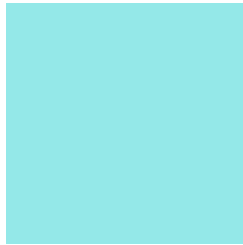
179, 0, 179



51, 0, 51

Previews

White Background



This preview shows how the RYB color 148, 190, 232 looks on a white background.

Color Contrast Check

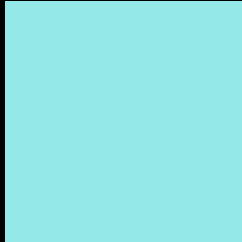
Large Text (above 18pt) WCAG AA × Fail

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, 190, 232 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, 190, 232 Background



This preview shows how black text looks on a background with the RYB color 148, 190, 232.

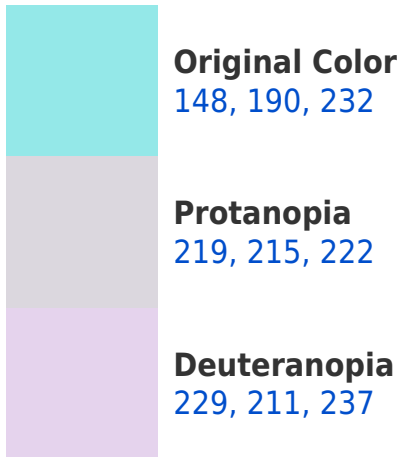



This preview shows how white text looks on a background with the RYB color 148, 190, 232.

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
152, 195, 248

Trichromacy



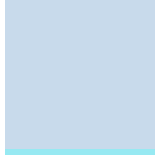
Original Color

148, 190, 232



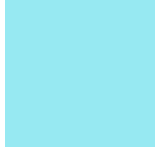
Protanomaly

193, 208, 226



Deuteranomaly

200, 212, 235



Tritanomaly

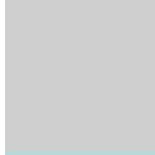
151, 194, 242

Monochromacy



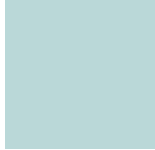
Original Color

148, 190, 232



Achromatopsia

207, 207, 207



Achromatomaly

186, 201, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 190, 232 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, 232, 232)` looks like.

```
.text, #text, p{  
    color:rgb(148, 232, 232)  
}
```

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, 232, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 232, 232) }
```

Border

The CSS property to change the border of an element to RYB 148, 190, 232 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, 232, 232) }
```

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

```
.border{ border-color:rgb(148, 232, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 232, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 232, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 232, 232);  
box-shadow:4px 4px 4px 4px rgb(148, 232,  
232) }
```

Background

The CSS property to change the background color of an element to RYB 148, 190, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 232, 232) }
```

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

```
.background{ background-color: rgb(148,  
232, 232) }
```

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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