

Converting Colors

`RYB(148, 182, 206)`

Have a look what the booklet for
RYB(148, 182, 206) contains.

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Color

R_YB(148, 182, 206)

Conversions

Conversions Part 1

Format	Color
Hex	94CEBD
RGB	148, 206, 189
RGB Percent	58%, 81%, 74%
CMY	0.4196, 0.1922, 0.2591
CMYK	0.28, 0.00, 0.08, 0.19
HSL	162°, 37%, 69%
HSV	162°, 28%, 81%
XYZ	43.4630, 54.1101, 56.2642
YIQ	186.7200, -29.1110, -17.5830

Conversions

Conversions Part 2

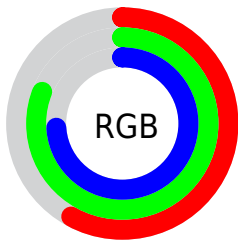
Format	Color
RYB	148, 182, 206
Decimal	9752253
CIELab	78.53, -22.23, 2.48
CIELCh	79, 22.368, 173.626
Yxy	54.1101, 0.2825, 0.3517
Android (android.graphics.Color)	4287942333 (0xFF94CEBD)
YUV	186.7200, 1.1240, -33.9574
Hunter-Lab	73.5596, -23.2618, 6.1420

Details

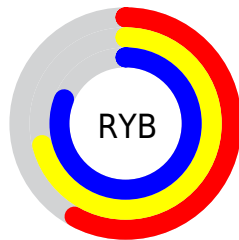
The RYB color **148, 182, 206** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **206, 148, 165**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **203, 232, 255**, and **95, 128, 152** is the 20% darker color. If you saturate the color by 10%, you get **127, 173, 206**, and if you desaturate by 10%, it is **169, 191, 206**.

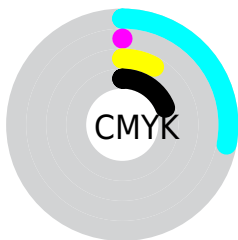
Distribution



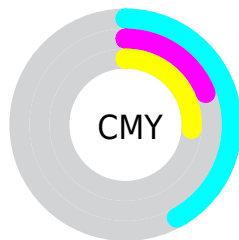
- Red (58%)
- Green (81%)
- Blue (74%)



- Red (58%)
- Yellow (71%)
- Blue (81%)



- Cyan (28%)
- Magenta (0%)
- Yellow (8%)
- Black (19%)



- Cyan (42%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 148, 182, 206 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, 182, 206 by changing the saturation by 10% instead.


 148, 182, 206


255, 255, 255


 203, 232, 255

 232, 244, 255

 148, 182, 206


 121, 154, 178

 95, 128, 152

 70, 102, 125

 45, 77, 100


 17, 50, 76


 0, 30, 53

 0, 19, 32


 0, 0, 0

 148, 182, 206


 148, 182, 206

 127, 173, 206


 169, 191, 206

 107, 165, 206


 189, 199, 206

 86, 156, 206


 210, 206, 207

 66, 148, 206

 230, 206, 213

 45, 139, 206

 251, 206, 219

 24, 131, 206

 255, 206, 225

 4, 122, 206

 255, 206, 231

 0, 121, 206

 255, 206, 237

 255, 206, 243

Harmonies

Analogous

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



169, 203, 203



148, 182, 206



137, 172, 210

Triad

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



148, 182, 206



192, 191, 232



231, 197, 162

Complementary

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



148, 182, 206



206, 148, 165

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.



238, 180, 179



148, 182, 206



217, 184, 219

Square

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



148, 182, 206



164, 187, 235



233, 180, 200



192, 215, 153

Rectangle

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



148, 182, 206



139, 175, 222



233, 180, 200



234, 188, 167

Sweetspot

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



148, 182, 206



235, 247, 255



148, 206, 189



115, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



148, 182, 206



168, 219, 255



148, 174, 206



92, 98, 102



0, 97, 166



0, 22, 38

Inverse Universe

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



206, 148, 165



255, 168, 194



206, 163, 148



102, 92, 95



166, 0, 49



38, 0, 11

Previews

White Background



This preview shows how the RYB color 148, 182, 206 looks on a white background.

Color Contrast Check

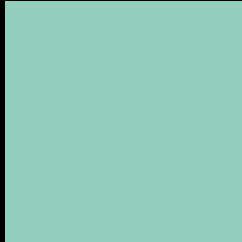
Large Text (above 18pt) WCAG AA × Fail

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, 182, 206 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, 182, 206 Background



This preview shows how black text looks on a background with the RYB color 148, 182, 206.

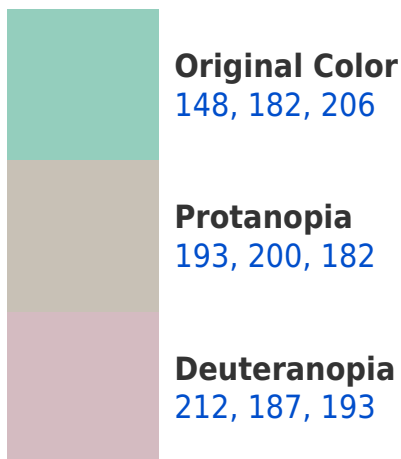


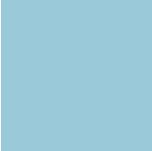
This preview shows how white text looks on a background with the RYB color 148, 182, 206.

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

154, 181, 218

Trichromacy



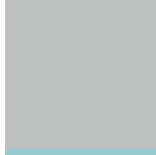
Original Color

148, 182, 206



Protanomaly

181, 195, 198



Deuteranomaly

189, 192, 194



Tritanomaly

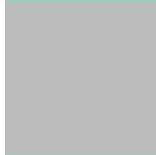
152, 178, 207

Monochromacy



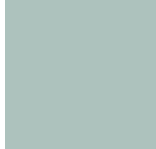
Original Color

148, 182, 206



Achromatopsia

187, 187, 187



Achromatomaly

173, 185, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 148, 182, 206 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, 206, 189)` looks like.

```
.text, #text, p{  
    color:rgb(148, 206, 189)  
}
```

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, 206, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 206, 189) }
```

Border

The CSS property to change the border of an element to RYB 148, 182, 206 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, 206, 189) }
```

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

```
.border{ border-color:rgb(148, 206, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 206, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 206, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 206, 189); box-shadow:4px 4px 4px 4px rgb(148, 206, 189) }
```

Background

The CSS property to change the background color of an element to RYB 148, 182, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 206, 189) }
```

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

```
.background{ background-color: rgb(148,  
206, 189) }
```

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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