

Converting Colors

`RYB(142, 178, 205)`

Have a look what the booklet for
RYB(142, 178, 205) contains.

RYB(142, 178, 205)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(142, 178, 205)

Conversions

Conversions Part 1

Format	Color
Hex	8ECDBD
RGB	142, 205, 189
RGB Percent	56%, 80%, 74%
CMY	0.4431, 0.1961, 0.2578
CMYK	0.31, 0.00, 0.08, 0.20
HSL	165°, 39%, 68%
HSV	165°, 31%, 80%
XYZ	42.1991, 53.0984, 56.3114
YIQ	184.3390, -32.4120, -18.3320

Conversions

Conversions Part 2

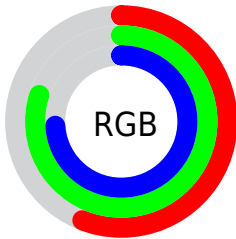
Format	Color
RYB	142, 178, 205
Decimal	9358781
CIELab	77.93, -23.44, 1.42
CIELCh	78, 23.488, 176.543
Yxy	53.0984, 0.2783, 0.3502
Android (android.graphics.Color)	4287548861 (0xFF8ECDBD)
YUV	184.3390, 2.2979, -37.1313
Hunter-Lab	72.8687, -24.1486, 5.1900

Details

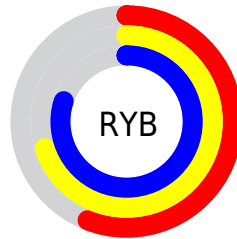
The RYB color **142, 178, 205** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **205, 142, 158**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **197, 229, 255**, and **89, 124, 151** is the 20% darker color. If you saturate the color by 10%, you get **122, 170, 205**, and if you desaturate by 10%, it is **163, 187, 205**.

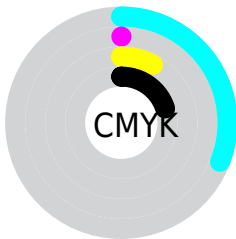
Distribution



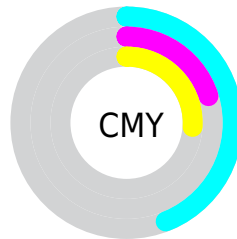
- Red (56%)
- Green (80%)
- Blue (74%)



- Red (56%)
- Yellow (70%)
- Blue (80%)



- Cyan (31%)
- Magenta (0%)
- Yellow (8%)
- Black (20%)



- Cyan (44%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 142, 178, 205 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 142, 178, 205 by changing the saturation by 10% instead.

 142, 178, 205


255, 255, 255

 197, 229, 255

 226, 241, 255

 142, 178, 205

 115, 150, 177

 89, 124, 151

 63, 97, 124


 37, 72, 99


 4, 43, 75

 0, 29, 52

 0, 19, 32


 0, 0, 0


 142, 178, 205


 142, 178, 205

 122, 170, 205


 163, 187, 205

 101, 160, 205


 183, 195, 205

 81, 152, 205


 204, 205, 205

 60, 143, 205

 224, 205, 210

 39, 134, 205

 245, 205, 215

 19, 125, 205

 255, 205, 220

 0, 117, 205

 255, 205, 225

 255, 205, 230

 255, 205, 235

Harmonies

Analogous

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



163, 198, 202



142, 178, 205



132, 170, 211

Triad

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



142, 178, 205



193, 188, 232



229, 198, 157

Complementary

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



142, 178, 205



205, 142, 158

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, 178, 174



142, 178, 205



219, 181, 217

Square

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



142, 178, 205



164, 186, 236



234, 177, 196



183, 212, 149

Rectangle

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



142, 178, 205



135, 174, 224



234, 177, 196



233, 188, 162

Sweetspot

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



142, 178, 205



232, 245, 255



142, 205, 189



113, 122, 128



0, 0, 0



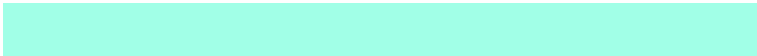
128, 128, 128

Same Dimension

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



142, 178, 205



161, 215, 255



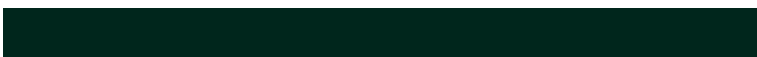
142, 169, 205



92, 98, 102



0, 95, 166



0, 22, 38

Inverse Universe

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



205, 142, 158



255, 161, 184



205, 163, 142



102, 92, 94



166, 0, 41



38, 0, 10

Previews

White Background



This preview shows how the RYB color 142, 178, 205 looks on a white background.

Color Contrast Check

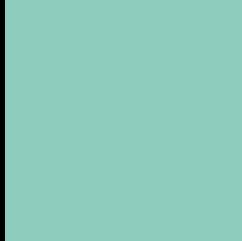
Large Text (above 18pt) WCAG AA × Fail

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 142, 178, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

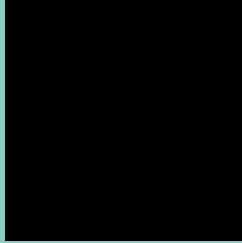
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

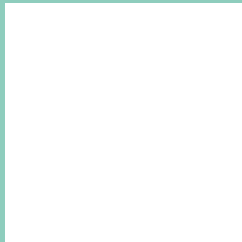
Any Text WCAG AAA ✓ Pass

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

RYB 142, 178, 205 Background



This preview shows how black text looks on a background with the RYB color 142, 178, 205.

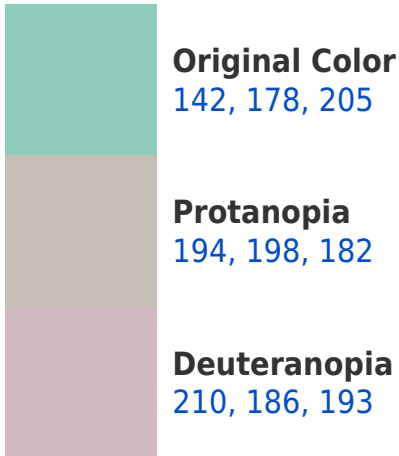


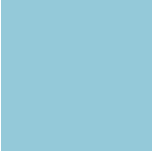
This preview shows how white text looks on a background with the RYB color 142, 178, 205.

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
148, 178, 217

Trichromacy



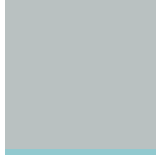
Original Color

142, 178, 205



Protanomaly

178, 191, 196



Deuteranomaly

185, 189, 193



Tritanomaly

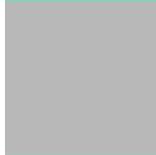
146, 175, 207

Monochromacy



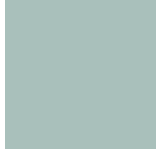
Original Color

142, 178, 205



Achromatopsia

184, 184, 184



Achromatomaly

169, 182, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 142, 178, 205 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(142, 205, 189)` looks like.

```
.text, #text, p{  
    color:rgb(142, 205, 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(142, 205, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 205, 189) }
```

Border

The CSS property to change the border of an element to RYB 142, 178, 205 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(142, 205, 189) }
```

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

```
.border{ border-color:rgb(142, 205, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 205, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 205, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 205, 189); box-shadow:4px 4px 4px 4px rgb(142, 205, 189) }
```

Background

The CSS property to change the background color of an element to RYB 142, 178, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 205, 189) }
```

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

```
.background{ background-color: rgb(142,  
205, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor