

Converting Colors

`RYB(141, 198, 224)`

Have a look what the booklet for
RYB(141, 198, 224) contains.

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Color

RYB(141, 198, 224)

Conversions

Conversions Part 1

Format	Color
Hex	8DE0B3
RGB	141, 224, 179
RGB Percent	55%, 88%, 70%
CMY	0.4471, 0.1216, 0.2986
CMYK	0.37, 0.00, 0.20, 0.12
HSL	147°, 57%, 72%
HSV	147°, 37%, 88%
XYZ	45.7627, 62.2230, 52.1717
YIQ	194.0530, -35.0230, -31.5910

Conversions

Conversions Part 2

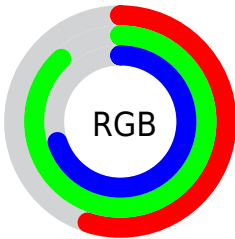
Format	Color
RYB	141, 198, 224
Decimal	9298099
CIELab	83.03, -34.97, 14.24
CIELCh	83, 37.763, 157.843
Yxy	62.2230, 0.2857, 0.3885
Android (android.graphics.Color)	4287488179 (0xFF8DE0B3)
YUV	194.0530, -7.4211, -46.5275
Hunter-Lab	78.8816, -34.4871, 16.0031

Details

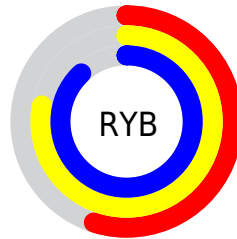
The RYB color **141, 198, 224** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **224, 141, 186**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **197, 232, 255**, and **87, 142, 168** is the 20% darker color. If you saturate the color by 10%, you get **119, 191, 224**, and if you desaturate by 10%, it is **163, 205, 224**.

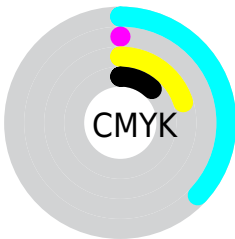
Distribution



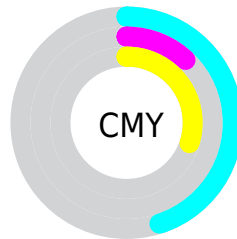
- Red (55%)
- Green (88%)
- Blue (70%)



- Red (55%)
- Yellow (78%)
- Blue (88%)



- Cyan (37%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)




- Cyan (45%)
- Magenta (12%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 198, 224 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 141, 198, 224 by changing the saturation by 10% instead.


 141, 198, 224


255, 255, 255


 197, 232, 255

 226, 241, 255

 141, 198, 224

 114, 170, 196


 87, 142, 168


 59, 114, 142

 29, 85, 116


 0, 56, 90


 0, 44, 66


 0, 35, 43

 0, 19, 19


 0, 0, 0

 141, 198, 224


 141, 198, 224

 119, 191, 224


 163, 205, 224

 96, 184, 224


 186, 212, 224

 74, 177, 224

 208, 219, 224

 51, 170, 224


 231, 224, 228

 29, 163, 224

 253, 224, 240

 7, 156, 224

 255, 224, 252

 0, 154, 224

 255, 224, 255

Harmonies

Analogous

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



150, 218, 185



141, 198, 224



101, 166, 226

Triad

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



141, 198, 224



173, 197, 255



255, 191, 165

Complementary

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



141, 198, 224



224, 141, 186

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, 180, 199



141, 198, 224



224, 194, 255

Square

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



141, 198, 224



119, 176, 255



255, 184, 234



254, 246, 142

Rectangle

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



141, 198, 224



85, 158, 239



255, 184, 234



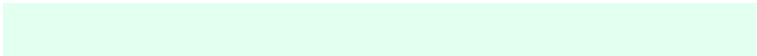
255, 183, 175

Sweetspot

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



141, 198, 224



227, 246, 255



141, 224, 178



111, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



141, 198, 224



143, 220, 255



141, 184, 224



101, 109, 112



0, 121, 176



0, 33, 48

Inverse Universe

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



224, 141, 186



255, 143, 204



224, 141, 145



112, 101, 107



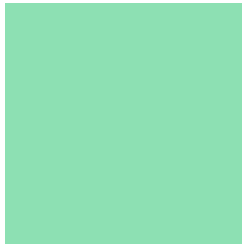
176, 0, 96



48, 0, 26

Previews

White Background



This preview shows how the RYB color 141, 198, 224 looks on a white background.

Color Contrast Check

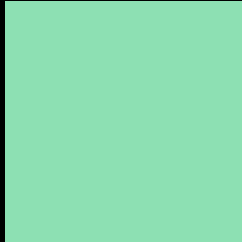
Large Text (above 18pt) WCAG AA × Fail

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 141, 198, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

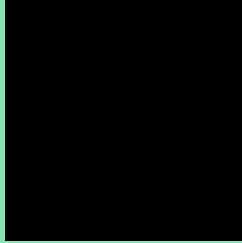
Any Text WCAG AA ✓ Pass

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](#).

R Y B 141, 198, 224 Background



This preview shows how black text looks on a background with the RYB color 141, 198, 224.

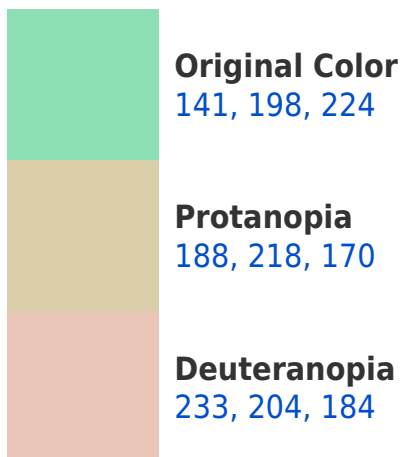


This preview shows how white text looks on a background with the RYB color 141, 198, 224.

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
153, 188, 234

Trichromacy



Original Color

141, 198, 224



Protanomaly

173, 212, 195



Deuteranomaly

182, 207, 189



Tritanomaly

149, 185, 219

Monochromacy



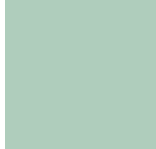
Original Color

141, 198, 224



Achromatopsia

194, 194, 194



Achromatomaly

175, 196, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 198, 224 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(141, 224, 179)` looks like.

```
.text, #text, p{  
    color:rgb(141, 224, 179)  
}
```

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(141, 224, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 224, 179) }
```

Border

The CSS property to change the border of an element to RYB 141, 198, 224 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(141, 224, 179) }
```

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

```
.border{ border-color:rgb(141, 224, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 224, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 224, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 224, 179); box-shadow:4px 4px 4px 4px rgb(141, 224, 179) }
```

Background

The CSS property to change the background color of an element to RYB 141, 198, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 224, 179) }
```

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

```
.background{ background-color: rgb(141,  
224, 179) }
```

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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