

Converting Colors

`RYB(144, 225, 189)`

Have a look what the booklet for
RYB(144, 225, 189) contains.

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Color

R_YB(144, 225, 189)

Conversions

Conversions Part 1

Format	Color
Hex	B4E190
RGB	180, 225, 144
RGB Percent	71%, 88%, 56%
CMY	0.2941, 0.1176, 0.4353
CMYK	0.20, 0.00, 0.36, 0.12
HSL	93°, 57%, 72%
HSV	93°, 36%, 88%
XYZ	50.7816, 65.5673, 36.3648
YIQ	202.3110, -0.8190, -34.7310

Conversions

Conversions Part 2

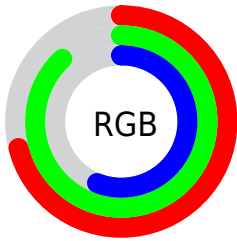
Format	Color
RYB	144, 225, 189
Decimal	11854224
CIELab	84.78, -28.66, 34.99
CIELCh	85, 45.226, 129.318
Yxy	65.5673, 0.3325, 0.4293
Android (android.graphics.Color)	4290044304 (0xFFB4E190)
YUV	202.3110, -28.7473, -19.5667
Hunter-Lab	80.9737, -29.7598, 30.0547

Details

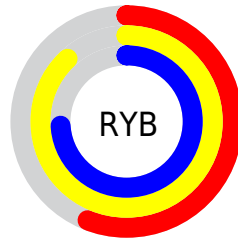
The RYB color **144, 225, 189** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **189, 144, 225**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **199, 255, 217**, and **92, 170, 136** is the 20% darker color. If you saturate the color by 10%, you get **122, 225, 179**, and if you desaturate by 10%, it is **167, 225, 199**.

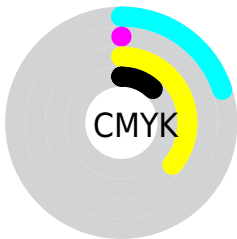
Distribution



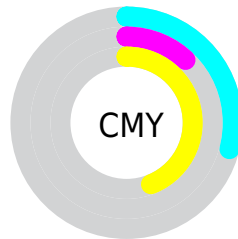
- Red (71%)
- Green (88%)
- Blue (56%)



- Red (56%)
- Yellow (88%)
- Blue (74%)



- Cyan (20%)
- Magenta (0%)
- Yellow (36%)
- Black (12%)



- Cyan (29%)
- Magenta (12%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 225, 189 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 144, 225, 189 by changing the saturation by 10% instead.


 144, 225, 189


255, 255, 255


 199, 255, 217


 227, 255, 227

 144, 225, 189


 118, 197, 162

 92, 170, 136

 68, 143, 111

 44, 117, 87

 19, 92, 62

 0, 68, 44

 0, 45, 45

 0, 25, 25

 0, 0, 0

 144, 225, 189

 144, 225, 189


 122, 225, 179

 167, 225, 199

 99, 225, 169

 189, 225, 209

 77, 225, 159

 211, 225, 218

 54, 225, 149

 230, 225, 234

 32, 225, 139

 243, 225, 255

 9, 225, 129

 255, 225, 255

 0, 225, 125

Harmonies

Analogous

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



142, 227, 126



144, 225, 189



127, 197, 232

Triad

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



144, 225, 189



94, 166, 255



255, 178, 200

Complementary

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



144, 225, 189



189, 144, 225

Split Complementary

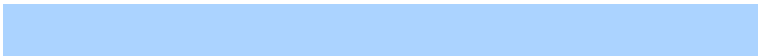
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 182, 243



144, 225, 189



171, 198, 255

Square

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



144, 225, 189



0, 121, 255



234, 196, 255



255, 194, 160

Rectangle

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



144, 225, 189



85, 166, 234



234, 196, 255



255, 178, 214

Sweetspot

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



144, 225, 189



227, 255, 243



209, 225, 144



111, 128, 121



0, 0, 0



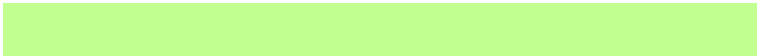
128, 128, 128

Same Dimension

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



144, 225, 189



145, 255, 206



144, 221, 225



101, 112, 107



0, 176, 98



0, 48, 26

Inverse Universe

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



189, 144, 225



206, 145, 255



225, 144, 221



107, 101, 112



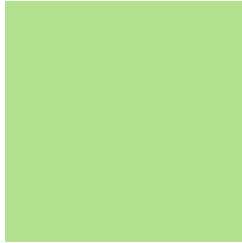
98, 0, 176



27, 0, 48

Previews

White Background



This preview shows how the RYB color 144, 225, 189 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 144, 225, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

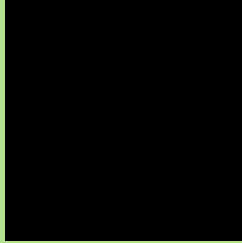
Any Text WCAG AA ✓ Pass

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 144, 225, 189 Background



This preview shows how black text looks on a background with the RYB color 144, 225, 189.

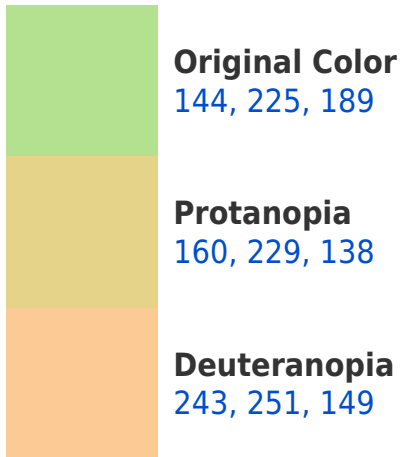


This preview shows how white text looks on a background with the RYB color 144, 225, 189.

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
193, 207, 231

Trichromacy



Original Color

144, 225, 189



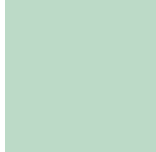
Protanomaly

140, 216, 145



Deuteranomaly

166, 225, 147



Tritanomaly

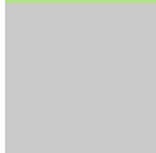
188, 210, 218

Monochromacy



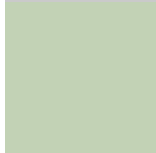
Original Color

144, 225, 189



Achromatopsia

202, 202, 202



Achromatomaly

181, 210, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 225, 189 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(180, 225, 144)` looks like.

```
.text, #text, p{  
    color:rgb(180, 225, 144)  
}
```

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(180, 225, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 225, 144) }
```

Border

The CSS property to change the border of an element to RYB 144, 225, 189 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(180, 225, 144) }
```

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

```
.border{ border-color:rgb(180, 225, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 225, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 225, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 225, 144);  
box-shadow:4px 4px 4px 4px rgb(180, 225,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 144, 225, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 225, 144) }
```

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

```
.background{ background-color: rgb(180,  
225, 144) }
```

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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