

Converting Colors

`RYB(144, 233, 205)`

Have a look what the booklet for
RYB(144, 233, 205) contains.

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Color

R_YB(144, 233, 205)

Conversions

Conversions Part 1

Format	Color
Hex	ACE990
RGB	172, 233, 144
RGB Percent	67%, 91%, 56%
CMY	0.3255, 0.0863, 0.4353
CMYK	0.26, 0.00, 0.38, 0.09
HSL	101°, 67%, 74%
HSV	101°, 38%, 91%
XYZ	51.1862, 69.0621, 37.0181
YIQ	204.6150, -7.7870, -40.6110

Conversions

Conversions Part 2

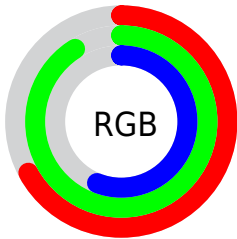
Format	Color
RYB	144, 233, 205
Decimal	11331984
CIELab	86.53, -35.17, 37.20
CIELCh	87, 51.188, 133.393
Yxy	69.0621, 0.3255, 0.4391
Android (android.graphics.Color)	4289522064 (0xFFACE990)
YUV	204.6150, -29.8832, -28.6034
Hunter-Lab	83.1036, -35.4874, 31.7621

Details

The RYB color **144, 233, 205** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **205, 144, 233**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **199, 255, 225**, and **92, 177, 152** is the 20% darker color. If you saturate the color by 10%, you get **121, 233, 198**, and if you desaturate by 10%, it is **167, 233, 212**.

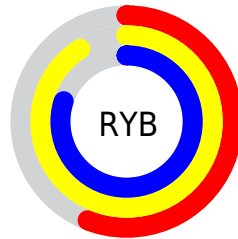
Distribution



Red (67%)

Green (91%)

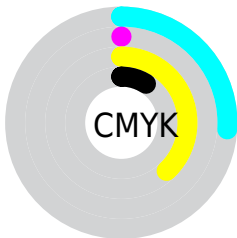
Blue (56%)



Red (56%)

Yellow (91%)

Blue (80%)

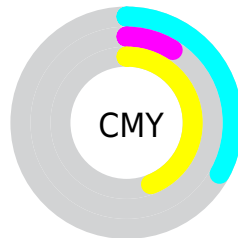


Cyan (26%)

Magenta (0%)

Yellow (38%)

Black (9%)



Cyan (33%)

Magenta (9%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 144, 233, 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 144, 233, 205 by changing the saturation by 10% instead.

 144, 233, 205


255, 255, 255


 199, 255, 225


 227, 255, 227

 144, 233, 205

 118, 205, 179

 92, 177, 152


 67, 150, 126

 43, 124, 102

 18, 99, 79

 0, 74, 69


 0, 51, 51

 0, 31, 31

 0, 0, 0

 144, 233, 205

 144, 233, 205

 121, 233, 198

 167, 233, 212

 97, 233, 190

 191, 233, 220

 74, 233, 183

 214, 233, 227

 51, 233, 176

 236, 233, 237

 27, 233, 168

 252, 233, 255

 4, 233, 161

 255, 233, 255

 0, 233, 160

Harmonies

Analogous

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



125, 226, 120



144, 233, 205



106, 190, 240

Triad

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



144, 233, 205



80, 160, 255



255, 178, 196

Complementary

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



144, 233, 205



205, 144, 233

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, 181, 246



144, 233, 205



179, 203, 255

Square

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



144, 233, 205



0, 123, 255



249, 196, 255



255, 207, 152

Rectangle

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



144, 233, 205



33, 143, 242



249, 196, 255



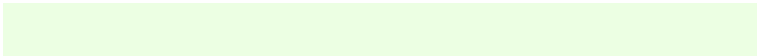
255, 177, 213

Sweetspot

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



144, 233, 205



227, 255, 246



185, 233, 144



111, 128, 123



0, 0, 0



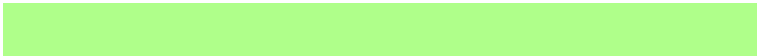
128, 128, 128

Same Dimension

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



144, 233, 205



138, 255, 218



144, 219, 233



106, 117, 114



0, 181, 124



0, 54, 37

Inverse Universe

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



205, 144, 233



218, 138, 255



233, 144, 217



114, 106, 117



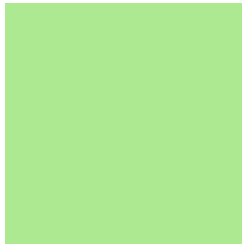
124, 0, 181



37, 0, 54

Previews

White Background



This preview shows how the RYB color 144, 233, 205 looks on a white background.

Color Contrast Check

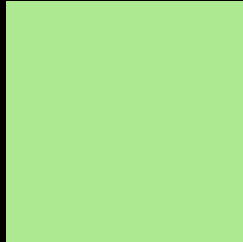
Large Text (above 18pt) WCAG AA × Fail

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 144, 233, 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 144, 233, 205 Background



This preview shows how black text looks on a background with the RYB color 144, 233, 205.

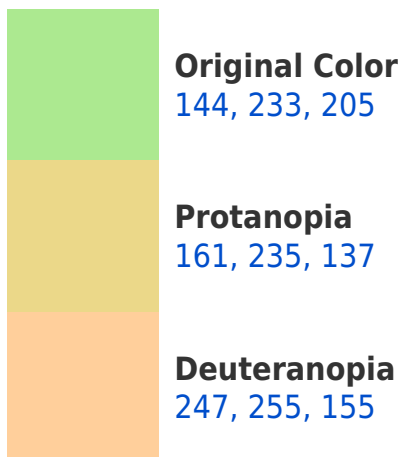


This preview shows how white text looks on a background with the RYB color 144, 233, 205.

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





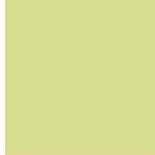
Tritanopia
187, 208, 239

Trichromacy



Original Color

144, 233, 205



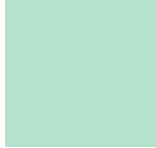
Protanomaly

140, 222, 150



Deuteranomaly

161, 225, 151



Tritanomaly

182, 211, 226

Monochromacy



Original Color

144, 233, 205



Achromatopsia

205, 205, 205



Achromatomaly

183, 215, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 144, 233, 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(172, 233, 144)` looks like.

```
.text, #text, p{  
    color:rgb(172, 233, 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(172, 233, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 233, 144) }
```

Border

The CSS property to change the border of an element to RYB 144, 233, 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(172, 233, 144) }
```

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

```
.border{ border-color:rgb(172, 233, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 233, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 233, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 233, 144);  
box-shadow:4px 4px 4px 4px rgb(172, 233,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 144, 233, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 233, 144) }
```

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

```
.background{ background-color: rgb(172,  
233, 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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