

Converting Colors

`RYB(145, 237, 184)`

Have a look what the booklet for
RYB(145, 237, 184) contains.

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Color

R_YB(145, 237, 184)

Conversions

Conversions Part 1

Format	Color
Hex	C6ED91
RGB	198, 237, 145
RGB Percent	78%, 93%, 57%
CMY	0.2235, 0.0706, 0.4314
CMYK	0.16, 0.00, 0.39, 0.07
HSL	85°, 72%, 75%
HSV	85°, 39%, 93%
XYZ	58.6837, 74.6185, 38.0979
YIQ	214.8510, 6.2880, -36.8800

Conversions

Conversions Part 2

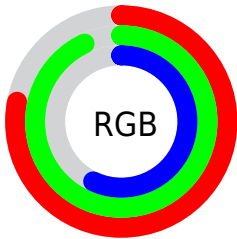
Format	Color
RYB	145, 237, 184
Decimal	13036945
CIELab	89.21, -27.75, 40.47
CIELCh	89, 49.071, 124.438
Yxy	74.6185, 0.3424, 0.4353
Android (android.graphics.Color)	4291227025 (0xFFC6ED91)
YUV	214.8510, -34.4365, -14.7783
Hunter-Lab	86.3820, -29.9042, 34.3181

Details

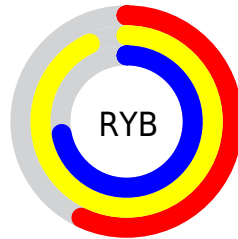
The RYB color **145, 237, 184** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **184, 145, 237**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **200, 255, 200**, and **93, 181, 131** is the 20% darker color. If you saturate the color by 10%, you get **121, 237, 170**, and if you desaturate by 10%, it is **169, 237, 198**.

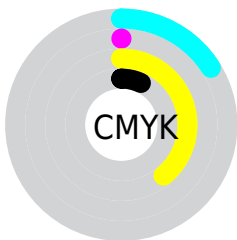
Distribution



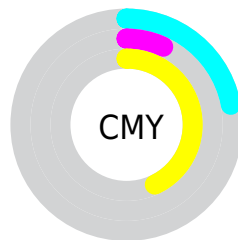
- Red (78%)
- Green (93%)
- Blue (57%)



- Red (57%)
- Yellow (93%)
- Blue (72%)



- Cyan (16%)
- Magenta (0%)
- Yellow (39%)
- Black (7%)



- Cyan (22%)
- Magenta (7%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 237, 184 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 145, 237, 184 by changing the saturation by 10% instead.


 145, 237, 184

 145, 237, 184


255, 255, 255


 119, 209, 158

 200, 255, 200

 93, 181, 131

 228, 255, 228


 68, 154, 106

 43, 128, 81

 17, 103, 55

 0, 78, 39


 0, 55, 42

 0, 35, 35

 0, 0, 0

 145, 237, 184

 145, 237, 184

 121, 237, 170

 169, 237, 198

 98, 237, 157

 192, 237, 211

 74, 237, 143

 216, 237, 225

 50, 237, 129

 238, 237, 240

 26, 237, 115

 248, 237, 255

 3, 237, 102

 255, 237, 255

 0, 237, 100

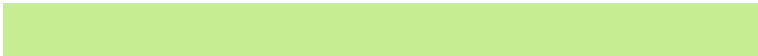
Harmonies

Analogous

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



159, 248, 129



145, 237, 184



140, 216, 246

Triad

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



145, 237, 184



72, 160, 255



255, 187, 219

Complementary

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



145, 237, 184



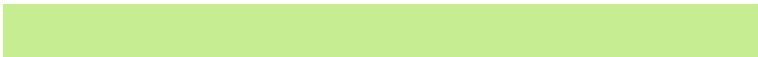
184, 145, 237

Split Complementary

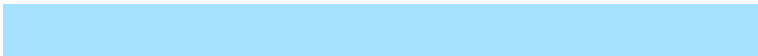
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 194, 255



145, 237, 184



166, 202, 255

Square

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



145, 237, 184



0, 125, 255



238, 209, 255



255, 199, 174

Rectangle

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



145, 237, 184



94, 181, 248



238, 209, 255



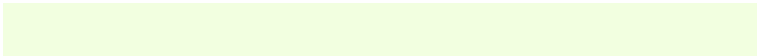
255, 188, 235

Sweetspot

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



145, 237, 184



224, 255, 237



237, 210, 145



110, 128, 118



0, 0, 0



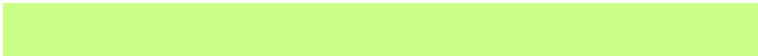
128, 128, 128

Same Dimension

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



145, 237, 184



135, 255, 186



145, 237, 229



106, 117, 111



0, 181, 77



0, 54, 23

Inverse Universe

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



184, 145, 237



186, 135, 255



229, 145, 237



111, 106, 117



77, 0, 181



23, 0, 54

Previews

White Background



This preview shows how the RYB color 145, 237, 184 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 145, 237, 184 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

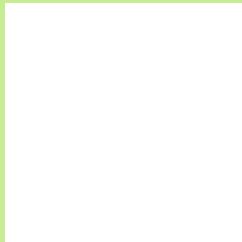
Any Text WCAG AAA ✓ Pass

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

RYB 145, 237, 184 Background



This preview shows how black text looks on a background with the RYB color 145, 237, 184.

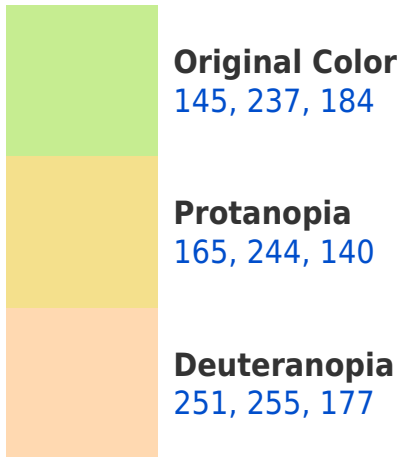


This preview shows how white text looks on a background with the RYB color 145, 237, 184.

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





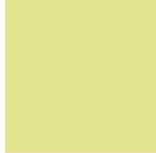
Tritanopia
212, 221, 243

Trichromacy



Original Color

145, 237, 184



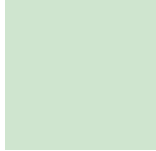
Protanomaly

142, 229, 144



Deuteranomaly

177, 234, 165



Tritanomaly

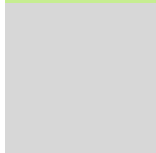
207, 229, 229

Monochromacy



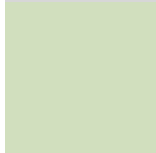
Original Color

145, 237, 184



Achromatopsia

215, 215, 215



Achromatomaly

190, 223, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 237, 184 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(198, 237, 145)` looks like.

```
.text, #text, p{  
    color:rgb(198, 237, 145)  
}
```

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(198, 237, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 237, 145) }
```

Border

The CSS property to change the border of an element to RYB 145, 237, 184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

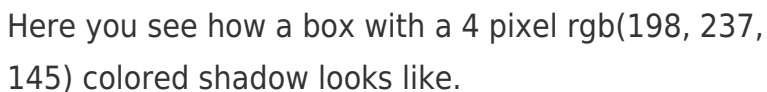
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 237, 145) }
```

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

```
.border{ border-color:rgb(198, 237, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 237, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 237, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 237, 145);  
box-shadow:4px 4px 4px 4px rgb(198, 237,  
145) }
```

Background

The CSS property to change the background color of an element to RYB 145, 237, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 237, 145) }
```

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

```
.background{ background-color: rgb(198,  
237, 145) }
```

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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