

Converting Colors

`RYB(145, 254, 197)`

Have a look what the booklet for
RYB(145, 254, 197) contains.

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Color

R_YB(145, 254, 197)

Conversions

Conversions Part 1

Format	Color
Hex	CAFE91
RGB	202, 254, 145
RGB Percent	79%, 100%, 57%
CMY	0.2078, 0.0039, 0.4314
CMYK	0.20, 0.00, 0.43, 0.00
HSL	89°, 98%, 78%
HSV	89°, 43%, 100%
XYZ	64.9098, 85.4845, 39.8671
YIQ	226.0260, 3.9970, -44.9230

Conversions

Conversions Part 2

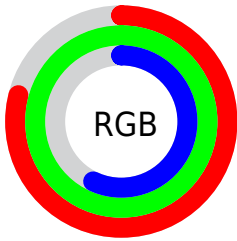
Format	Color
RYB	145, 254, 197
Decimal	13303441
CIELab	94.09, -34.22, 46.73
CIELCh	94, 57.922, 126.214
Yxy	85.4845, 0.3412, 0.4493
Android (android.graphics.Color)	4291493521 (0xFFCAFE91)
YUV	226.0260, -39.9458, -21.0708
Hunter-Lab	92.4578, -36.4858, 39.1551

Details

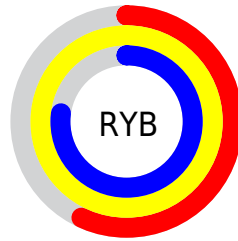
The RYB color **145, 254, 197** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **197, 145, 254**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **200, 255, 200**, and **92, 197, 143** is the 20% darker color. If you saturate the color by 10%, you get **120, 254, 184**, and if you desaturate by 10%, it is **170, 254, 210**.

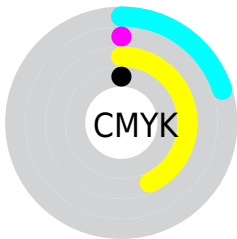
Distribution



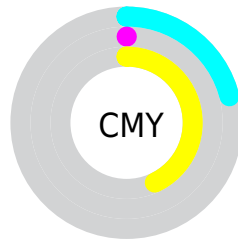
- Red (79%)
- Green (100%)
- Blue (57%)



- Red (57%)
- Yellow (100%)
- Blue (77%)



- Cyan (20%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)



- Cyan (21%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 254, 197 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, 254, 197 by changing the saturation by 10% instead.

 145, 254, 197


255, 255, 255


 200, 255, 200


 229, 255, 229


 145, 254, 197


 118, 225, 169

 92, 197, 143

 66, 170, 117

 41, 143, 92

 10, 117, 61

 0, 92, 54

 0, 68, 61

 0, 45, 45

 0, 23, 23

■ 145, 254, 197

■ 145, 254, 197

■ 120, 254, 184

■ 170, 254, 210

■ 94, 254, 170

■ 196, 254, 224

■ 69, 254, 157

■ 221, 254, 237

■ 43, 254, 143

■ 247, 254, 251

■ 18, 254, 131

255, 254, 255

■ 0, 254, 121

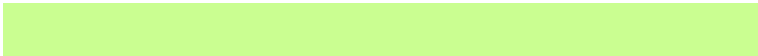
Harmonies

Analogous

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



142, 255, 124



145, 254, 197



129, 213, 255

Triad

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



145, 254, 197



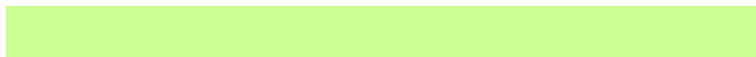
0, 128, 255



255, 192, 228

Complementary

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



145, 254, 197



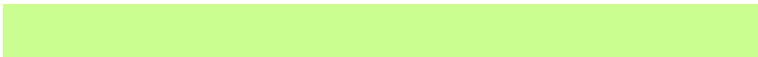
197, 145, 254

Split Complementary

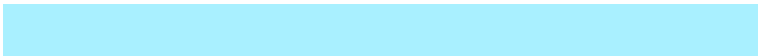
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 200, 255



145, 254, 197



169, 208, 255

Square

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



145, 254, 197



0, 128, 255



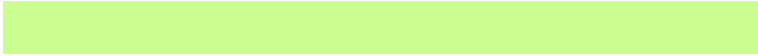
255, 219, 255



255, 214, 175

Rectangle

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



145, 254, 197



51, 160, 255



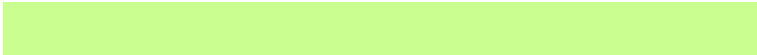
255, 219, 255



255, 193, 247

Sweetspot

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



145, 254, 197



222, 255, 238



254, 241, 145



107, 128, 117



0, 0, 0



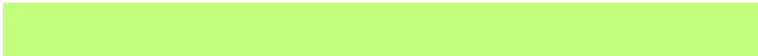
128, 128, 128

Same Dimension

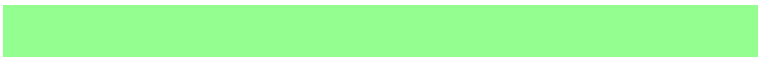
The Same Dimension uses a secret algorithm to generate beautiful new colors.



145, 254, 197



125, 255, 187



145, 254, 250



115, 128, 122



0, 191, 91



0, 64, 31

Inverse Universe

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



197, 145, 254



187, 125, 255



250, 145, 254



121, 115, 128



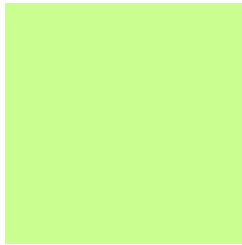
91, 0, 191



30, 0, 64

Previews

White Background



This preview shows how the RYB color 145, 254, 197 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, 254, 197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

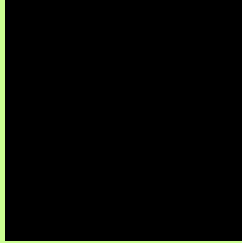
Any Text WCAG AA ✓ Pass

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, 254, 197 Background



This preview shows how black text looks on a background with the RYB color 145, 254, 197.

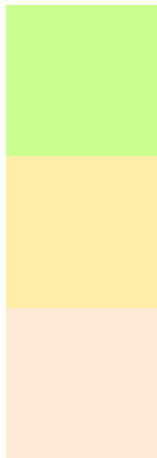


This preview shows how white text looks on a background with the RYB color 145, 254, 197.

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



Original Color
145, 254, 197

Protanopia
191, 255, 168

Deuteranopia
255, 255, 213



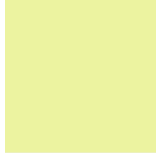
Tritanopia
223, 234, 255

Trichromacy



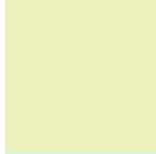
Original Color

145, 254, 197



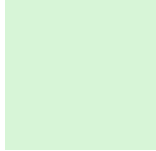
Protanomaly

160, 243, 167



Deuteranomaly

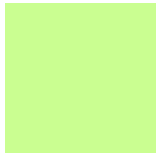
188, 241, 193



Tritanomaly

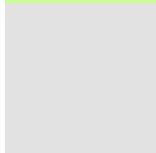
215, 245, 245

Monochromacy



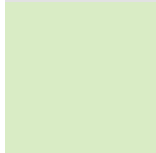
Original Color

145, 254, 197



Achromatopsia

226, 226, 226



Achromatomaly

197, 236, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 254, 197 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(202, 254, 145)` looks like.

```
.text, #text, p{  
    color:rgb(202, 254, 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(202, 254, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 254, 145) }
```

Border

The CSS property to change the border of an element to RYB 145, 254, 197 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(202, 254, 145) }
```

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

```
.border{ border-color:rgb(202, 254, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 254, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 254, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 254, 145);  
box-shadow:4px 4px 4px 4px rgb(202, 254,  
145) }
```

Background

The CSS property to change the background color of an element to RYB 145, 254, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 254, 145) }
```

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

```
.background{ background-color: rgb(202,  
254, 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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