

Converting Colors

`RYB(141, 253, 178)`

Have a look what the booklet for
RYB(141, 253, 178) contains.

RYB(141, 253, 178)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(141, 253, 178)

Conversions

Conversions Part 1

Format	Color
Hex	D8FD8D
RGB	216, 253, 141
RGB Percent	85%, 99%, 55%
CMY	0.1529, 0.0078, 0.4471
CMYK	0.15, 0.00, 0.44, 0.01
HSL	80°, 97%, 77%
HSV	80°, 44%, 99%
XYZ	68.2519, 86.7726, 38.3508
YIQ	229.1690, 13.9000, -42.6760

Conversions

Conversions Part 2

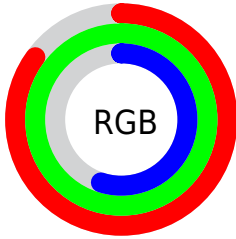
Format	Color
RYB	141, 253, 178
Decimal	14220685
CIELab	94.64, -29.16, 49.52
CIELCh	95, 57.467, 120.494
Yxy	86.7726, 0.3530, 0.4487
Android (android.graphics.Color)	4292410765 (0xFFD8FD8D)
YUV	229.1690, -43.4673, -11.5492
Hunter-Lab	93.1518, -32.2295, 40.7964

Details

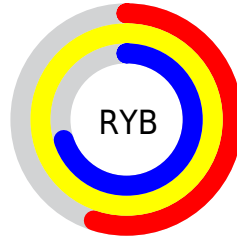
The RYB color **141, 253, 178** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **178, 141, 253**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **196, 255, 196**, and **88, 196, 125** is the 20% darker color. If you saturate the color by 10%, you get **116, 253, 161**, and if you desaturate by 10%, it is **166, 253, 195**.

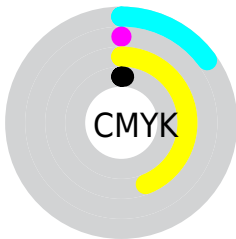
Distribution



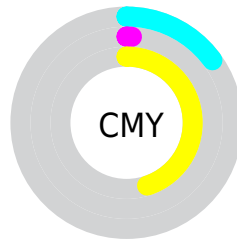
- Red (85%)
- Green (99%)
- Blue (55%)



- Red (55%)
- Yellow (99%)
- Blue (70%)



- Cyan (15%)
- Magenta (0%)
- Yellow (44%)
- Black (1%)



- Cyan (15%)
- Magenta (1%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 253, 178 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, 253, 178 by changing the saturation by 10% instead.

 141, 253, 178

255, 255, 255


 196, 255, 196

 225, 255, 225

254, 255, 254


 141, 253, 178

 114, 224, 151

 88, 196, 125

 62, 169, 99

 35, 142, 72

 0, 117, 38

 0, 92, 39

 0, 68, 42

 0, 45, 45

 0, 25, 25

■ 141, 253, 178

■ 141, 253, 178

■ 116, 253, 161

■ 166, 253, 195

■ 90, 253, 144

■ 192, 253, 212

■ 65, 253, 127

■ 217, 253, 229

■ 40, 253, 110

■ 242, 253, 246

■ 15, 253, 94

■ 255, 253, 255

■ 0, 253, 84

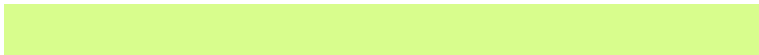
Harmonies

Analogous

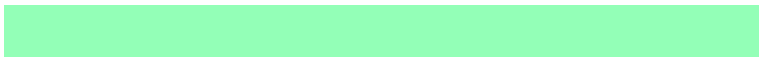
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



147, 255, 126



141, 253, 178



147, 228, 255

Triad

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



141, 253, 178



0, 128, 255



255, 194, 241

Complementary

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



141, 253, 178



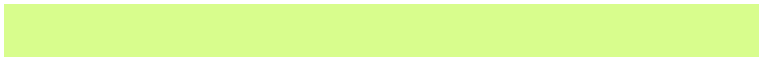
178, 141, 253

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, 205, 255



141, 253, 178



151, 200, 255

Square

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



141, 253, 178



0, 128, 255



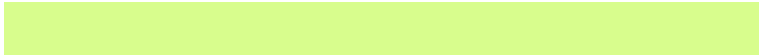
246, 225, 255



255, 204, 186

Rectangle

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



141, 253, 178



85, 180, 255



246, 225, 255



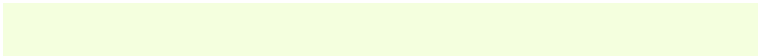
255, 196, 255

Sweetspot

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



141, 253, 178



222, 255, 233



253, 192, 141



107, 128, 114



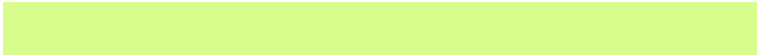
0, 0, 0



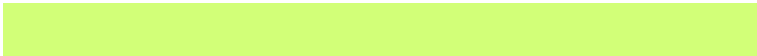
128, 128, 128

Same Dimension

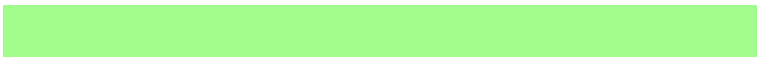
The Same Dimension uses a secret algorithm to generate beautiful new colors.



141, 253, 178



120, 255, 165



141, 253, 232



115, 128, 120



0, 191, 63



0, 64, 21

Inverse Universe

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



178, 141, 253



164, 120, 255



232, 141, 253



119, 115, 128



63, 0, 191



21, 0, 64

Previews

White Background



This preview shows how the RYB color 141, 253, 178 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, 253, 178 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 141, 253, 178 Background



This preview shows how black text looks on a background with the RYB color 141, 253, 178.

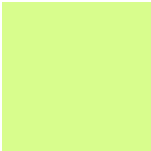
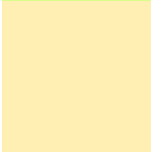
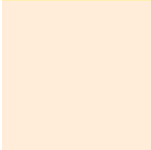


This preview shows how white text looks on a background with the RYB color 141, 253, 178.

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 141, 253, 178
	Protanopia 198, 255, 178
	Deuteranopia 255, 255, 217



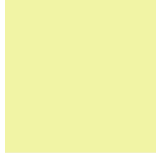
Tritanopia
233, 238, 255

Trichromacy



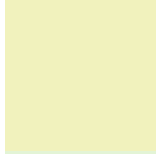
Original Color

141, 253, 178



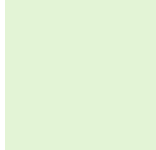
Protanomaly

165, 244, 168



Deuteranomaly

189, 242, 190



Tritanomaly

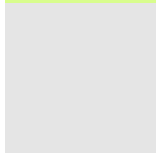
214, 244, 231

Monochromacy



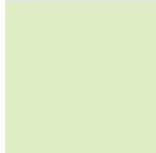
Original Color

141, 253, 178



Achromatopsia

229, 229, 229



Achromatomaly

197, 238, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 253, 178 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(216, 253, 141)` looks like.

```
.text, #text, p{  
    color:rgb(216, 253, 141)  
}
```

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(216, 253, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 253, 141) }
```

Border

The CSS property to change the border of an element to RYB 141, 253, 178 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(216, 253, 141) }
```

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

```
.border{ border-color:rgb(216, 253, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 253, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 253, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 253, 141);  
box-shadow:4px 4px 4px 4px rgb(216, 253,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 141, 253, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 253, 141) }
```

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

```
.background{ background-color: rgb(216,  
253, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor