

Converting Colors

`RYB(141, 213, 247)`

Have a look what the booklet for
RYB(141, 213, 247) contains.

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Color

R_YB(141, 213, 247)

Conversions

Conversions Part 1

Format	Color
Hex	8DF7BF
RGB	141, 247, 191
RGB Percent	55%, 97%, 75%
CMY	0.4471, 0.0314, 0.2508
CMYK	0.43, 0.00, 0.23, 0.03
HSL	148°, 87%, 76%
HSV	148°, 43%, 97%
XYZ	53.6554, 75.9483, 61.1538
YIQ	208.9220, -45.2000, -39.8880

Conversions

Conversions Part 2

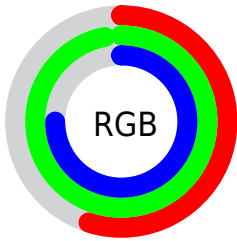
Format	Color
RYB	141, 213, 247
Decimal	9303999
CIELab	89.84, -42.95, 17.46
CIElCh	90, 46.368, 157.877
Yxy	75.9483, 0.2813, 0.3981
Android (android.graphics.Color)	4287494079 (0xFF8DF7BF)
YUV	208.9220, -8.8355, -59.5676
Hunter-Lab	87.1483, -42.6109, 19.3988

Details

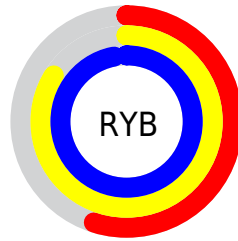
The RYB color **141, 213, 247** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **247, 141, 197**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **199, 229, 255**, and **84, 155, 190** is the 20% darker color. If you saturate the color by 10%, you get **116, 205, 247**, and if you desaturate by 10%, it is **166, 221, 247**.

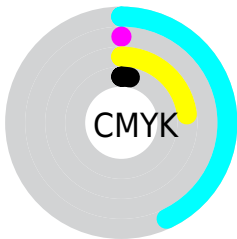
Distribution



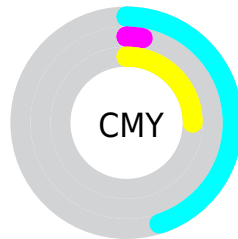
- Red (55%)
- Green (97%)
- Blue (75%)



- Red (55%)
- Yellow (84%)
- Blue (97%)



- Cyan (43%)
- Magenta (0%)
- Yellow (23%)
- Black (3%)



- Cyan (45%)
- Magenta (3%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 141, 213, 247 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, 213, 247 by changing the saturation by 10% instead.


 141, 213, 247


255, 255, 255


 199, 229, 255


 228, 242, 255

 141, 213, 247

 113, 184, 218

 84, 155, 190


 53, 124, 162

 10, 88, 136

 0, 70, 110

 0, 57, 85

 0, 45, 60

 0, 39, 39


 0, 0, 0

 141, 213, 247


 141, 213, 247

 116, 205, 247


 166, 221, 247

 92, 197, 247


 190, 229, 247

 67, 189, 247

 215, 237, 247

 42, 181, 247

 240, 245, 247

 18, 174, 247

 255, 247, 255

 0, 168, 247

Harmonies

Analogous

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



154, 239, 197



141, 213, 247



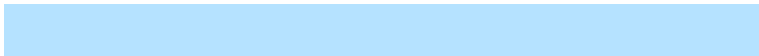
78, 167, 250

Triad

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



141, 213, 247



181, 209, 255



255, 208, 174

Complementary

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



141, 213, 247



247, 141, 197

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, 191, 216



141, 213, 247



246, 210, 255

Square

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



141, 213, 247



103, 175, 255



255, 196, 255



214, 255, 144

Rectangle

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



141, 213, 247



37, 144, 255



255, 196, 255



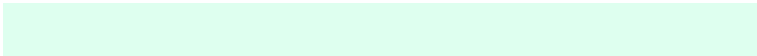
255, 196, 187

Sweetspot

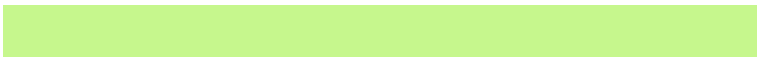
The Sweet Spot groups the original color and five complimentary colors.



141, 213, 247



222, 244, 255



141, 247, 190



107, 121, 128



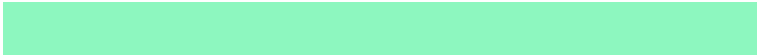
0, 0, 0



128, 128, 128

Same Dimension

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



141, 213, 247



125, 213, 255



141, 195, 247



110, 118, 122



0, 126, 186



0, 40, 59

Inverse Universe

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



247, 141, 197



255, 125, 194



247, 141, 145



122, 110, 117



186, 0, 98



59, 0, 31

Previews

White Background



This preview shows how the RYB color 141, 213, 247 looks on a white background.

Color Contrast Check

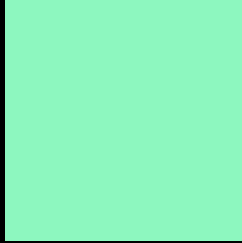
Large Text (above 18pt) WCAG AA × Fail

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, 213, 247 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, 213, 247 Background



This preview shows how black text looks on a background with the RYB color 141, 213, 247.

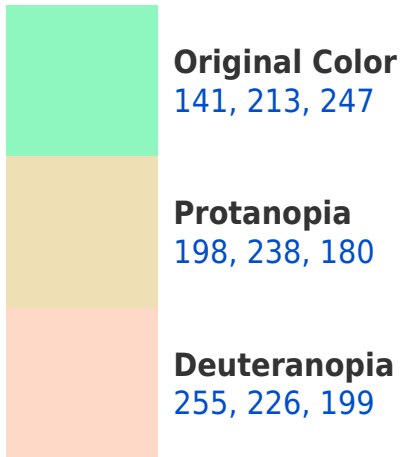


This preview shows how white text looks on a background with the RYB color 141, 213, 247.

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





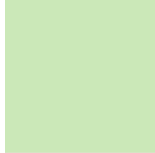
Tritanopia
163, 204, 255

Trichromacy



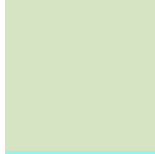
Original Color

141, 213, 247



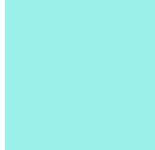
Protanomaly

184, 232, 213



Deuteranomaly

196, 228, 210



Tritanomaly

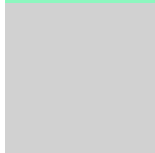
155, 200, 241

Monochromacy



Original Color

141, 213, 247



Achromatopsia

209, 209, 209



Achromatomaly

184, 211, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 141, 213, 247 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(141, 247, 191)` looks like.

```
.text, #text, p{  
    color:rgb(141, 247, 191)  
}
```

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(141, 247, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 247, 191) }
```

Border

The CSS property to change the border of an element to RYB 141, 213, 247 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(141, 247, 191) }
```

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

```
.border{ border-color:rgb(141, 247, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 247, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 247, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 247, 191);  
box-shadow:4px 4px 4px 4px rgb(141, 247,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 141, 213, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 247, 191) }
```

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

```
.background{ background-color: rgb(141,  
247, 191) }
```

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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