

Converting Colors

`RYB(134, 210, 235)`

Have a look what the booklet for
RYB(134, 210, 235) contains.

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Color

R_YB(134, 210, 235)

Conversions

Conversions Part 1

Format	Color
Hex	86EBA7
RGB	134, 235, 167
RGB Percent	53%, 92%, 65%
CMY	0.4745, 0.0784, 0.3442
CMYK	0.43, 0.00, 0.29, 0.08
HSL	140°, 72%, 72%
HSV	140°, 43%, 92%
XYZ	46.5356, 67.2833, 47.2020
YIQ	197.0490, -38.3680, -42.5600

Conversions

Conversions Part 2

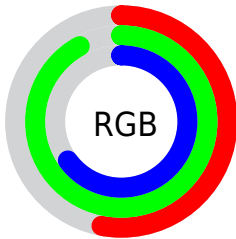
Format	Color
RYB	134, 210, 235
Decimal	8842151
CIELab	85.65, -44.05, 23.89
CIELCh	86, 50.111, 151.532
Yxy	67.2833, 0.2890, 0.4179
Android (android.graphics.Color)	4287032231 (0xFF86EBA7)
YUV	197.0490, -14.8142, -55.2940
Hunter-Lab	82.0264, -42.2787, 23.3001

Details

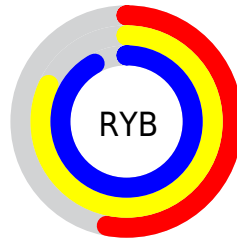
The RYB color **134, 210, 235** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **235, 134, 202**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **191, 234, 255**, and **77, 151, 179** is the 20% darker color. If you saturate the color by 10%, you get **111, 205, 235**, and if you desaturate by 10%, it is **158, 216, 235**.

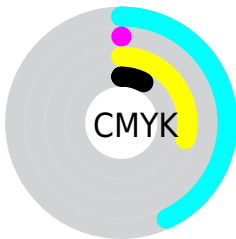
Distribution



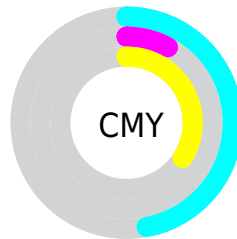
- Red (53%)
- Green (92%)
- Blue (65%)



- Red (53%)
- Yellow (82%)
- Blue (92%)



- Cyan (43%)
- Magenta (0%)
- Yellow (29%)
- Black (8%)



- Cyan (47%)
- Magenta (8%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 210, 235 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 134, 210, 235 by changing the saturation by 10% instead.

 134, 210, 235


255, 255, 255


 191, 234, 255


 220, 239, 255

 250, 253, 255

 134, 210, 235

 106, 180, 206

 77, 151, 179

 47, 121, 151

 0, 82, 125

 0, 69, 99

 0, 58, 74

 0, 51, 51

 0, 28, 28


 0, 0, 0

 134, 210, 235


 134, 210, 235

 111, 205, 235


 158, 216, 235

 87, 198, 235


 181, 222, 235

 64, 193, 235

 205, 228, 235

 40, 187, 235

 228, 233, 235

 17, 181, 235

 252, 235, 246

 0, 177, 235

 255, 235, 255

Harmonies

Analogous

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



131, 226, 165



134, 210, 235



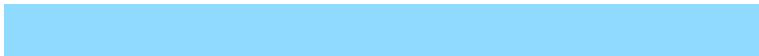
50, 151, 239

Triad

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



134, 210, 235



144, 188, 255



255, 184, 167

Complementary

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



134, 210, 235



235, 134, 202

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, 176, 213



134, 210, 235



222, 201, 255

Square

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



134, 210, 235



5, 124, 255



255, 184, 255



249, 255, 132

Rectangle

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



134, 210, 235



0, 121, 247



255, 184, 255



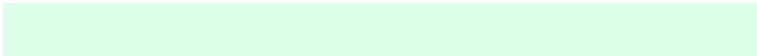
255, 178, 182

Sweetspot

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



134, 210, 235



222, 247, 255



134, 235, 166



107, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



134, 210, 235



122, 222, 255



134, 190, 235



106, 115, 117



0, 136, 181



0, 41, 54

Inverse Universe

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



235, 134, 202



255, 122, 211



235, 134, 153



117, 106, 113



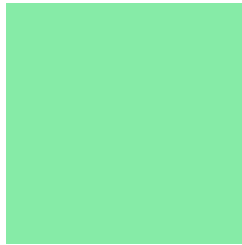
181, 0, 121



54, 0, 36

Previews

White Background



This preview shows how the RYB color 134, 210, 235 looks on a white background.

Color Contrast Check

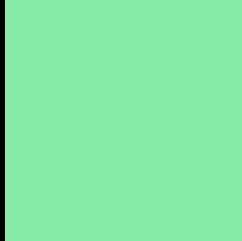
Large Text (above 18pt) WCAG AA × Fail

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 134, 210, 235 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](#).

RYP 134, 210, 235 Background



This preview shows how black text looks on a background with the RYB color 134, 210, 235.

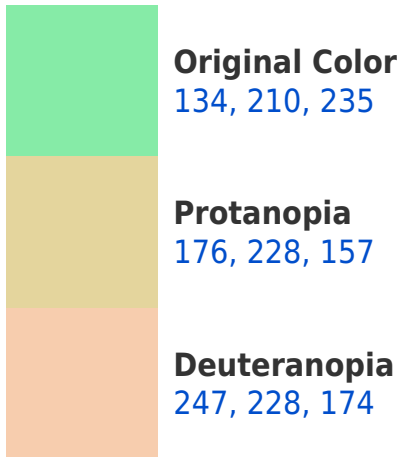


This preview shows how white text looks on a background with the RYB color 134, 210, 235.

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
151, 192, 243

Trichromacy



Original Color

134, 210, 235



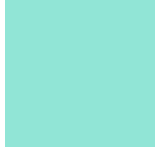
Protanomaly

161, 221, 188



Deuteranomaly

172, 216, 182



Tritanomaly

145, 191, 229

Monochromacy



Original Color

134, 210, 235



Achromatopsia

197, 197, 197



Achromatomaly

174, 202, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 210, 235 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(134, 235, 167)` looks like.

```
.text, #text, p{  
    color:rgb(134, 235, 167)  
}
```

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(134, 235, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 235, 167) }
```

Border

The CSS property to change the border of an element to RYB 134, 210, 235 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(134, 235, 167) }
```

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

```
.border{ border-color:rgb(134, 235, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 235, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 235, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 235, 167);  
box-shadow:4px 4px 4px 4px rgb(134, 235,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 134, 210, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 235, 167) }
```

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

```
.background{ background-color: rgb(134,  
235, 167) }
```

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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