

Converting Colors

`RYB(134, 196, 250)`

Have a look what the booklet for
RYB(134, 196, 250) contains.

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Color

R_YB(134, 196, 250)

Conversions

Conversions Part 1

Format	Color
Hex	86FAEB
RGB	134, 250, 235
RGB Percent	53%, 98%, 92%
CMY	0.4745, 0.0196, 0.0783
CMYK	0.46, 0.00, 0.06, 0.02
HSL	172°, 92%, 75%
HSV	172°, 46%, 98%
XYZ	59.0172, 79.4396, 90.8445
YIQ	213.6060, -64.3210, -29.2570

Conversions

Conversions Part 2

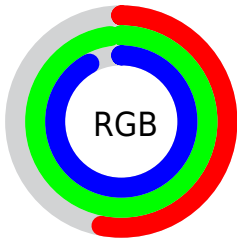
Format	Color
RYB	134, 196, 250
Decimal	8846059
CIELab	91.43, -36.51, -3.05
CIElCh	91, 36.637, 184.781
Yxy	79.4396, 0.2574, 0.3464
Android (android.graphics.Color)	4287036139 (0xFF86FAEB)
YUV	213.6060, 10.5472, -69.8145
Hunter-Lab	89.1289, -37.7808, 1.9589

Details

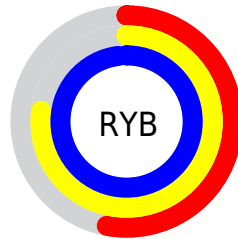
The RYB color **134, 196, 250** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **250, 134, 149**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **193, 224, 255**, and **73, 137, 193** is the 20% darker color. If you saturate the color by 10%, you get **109, 184, 250**, and if you desaturate by 10%, it is **159, 208, 250**.

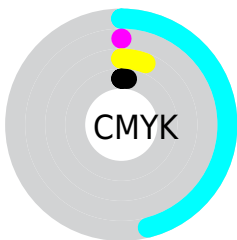
Distribution



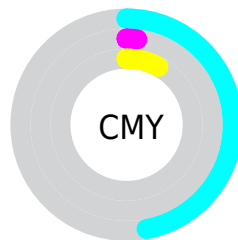
- Red (53%)
- Green (98%)
- Blue (92%)



- Red (53%)
- Yellow (77%)
- Blue (98%)



- Cyan (46%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)




- Cyan (47%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 196, 250 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, 196, 250 by changing the saturation by 10% instead.

 134, 196, 250


255, 255, 255


 193, 224, 255


 223, 239, 255

253, 254, 255

 134, 196, 250

 104, 166, 221

 73, 137, 193

 35, 104, 166

 0, 73, 139


 0, 59, 113

 0, 47, 88


 0, 34, 63

 0, 22, 41


 0, 5, 12

 134, 196, 250


 134, 196, 250

 109, 184, 250


 159, 208, 250

 84, 173, 250

 184, 219, 250

 59, 161, 250

 209, 231, 250

 34, 149, 250

 234, 243, 250

 9, 138, 250

 255, 250, 251

 0, 134, 250

 255, 250, 254

 255, 250, 255

Harmonies

Analogous

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



171, 227, 247



134, 196, 250



119, 185, 255

Triad

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



134, 196, 250



243, 219, 255



232, 255, 168

Complementary

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



134, 196, 250



250, 134, 149

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, 213, 192



134, 196, 250



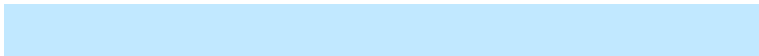
255, 209, 255

Square

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



134, 196, 250



193, 217, 255



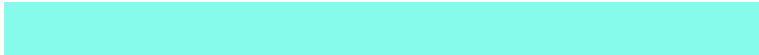
255, 204, 226



186, 250, 160

Rectangle

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



134, 196, 250



132, 191, 255



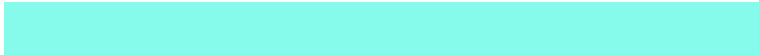
255, 204, 226



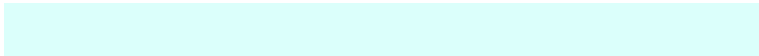
255, 253, 174

Sweetspot

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



134, 196, 250



219, 238, 255



134, 250, 235



106, 118, 128



0, 0, 0



128, 128, 128

Same Dimension

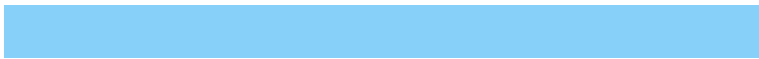
The Same Dimension uses a secret algorithm to generate beautiful new colors.



134, 196, 250



112, 188, 255



134, 179, 250



112, 119, 125



0, 101, 189



0, 33, 61

Inverse Universe

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



250, 134, 149



255, 112, 131



250, 202, 134



125, 112, 114



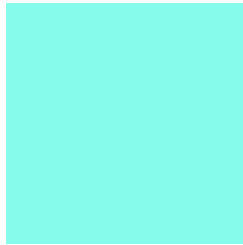
189, 0, 24



61, 0, 8

Previews

White Background



This preview shows how the RYB color 134, 196, 250 looks on a white background.

Color Contrast Check

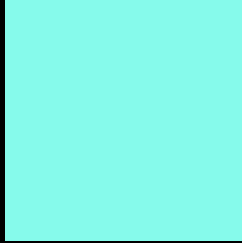
Large Text (above 18pt) WCAG AA × Fail

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, 196, 250 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 134, 196, 250 Background



This preview shows how black text looks on a background with the RYB color 134, 196, 250.

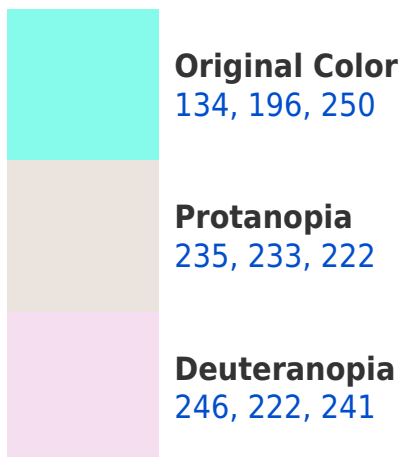


This preview shows how white text looks on a background with the RYB color 134, 196, 250.

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](#).

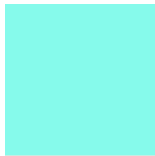
Dichromacy





Tritanopia
175, 211, 255

Trichromacy



Original Color

134, 196, 250



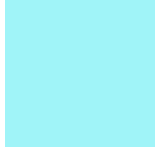
Protanomaly

198, 220, 236



Deuteranomaly

205, 220, 239



Tritanomaly

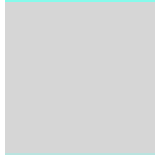
160, 203, 248

Monochromacy



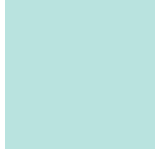
Original Color

134, 196, 250



Achromatopsia

214, 214, 214



Achromatomaly

185, 207, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 196, 250 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, 250, 235)` looks like.

```
.text, #text, p{  
    color:rgb(134, 250, 235)  
}
```

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, 250, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 250, 235) }
```

Border

The CSS property to change the border of an element to RYB 134, 196, 250 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, 250, 235) }
```

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

```
.border{ border-color:rgb(134, 250, 235) }
```

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

Here you see how a box with a 4 pixel rgb(134, 250, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 250, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 250, 235);  
box-shadow:4px 4px 4px 4px rgb(134, 250,  
235) }
```

Background

The CSS property to change the background color of an element to RYB 134, 196, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 250, 235) }
```

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

```
.background{ background-color: rgb(134,  
250, 235) }
```

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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