

Converting Colors

`RYB(135, 193, 250)`

Have a look what the booklet for
RYB(135, 193, 250) contains.

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Color

RYB(135, 193, 250)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 87FAF8 |
| RGB | 135, 250, 248 |
| RGB Percent | 53%, 98%, 97% |
| CMY | 0.4706, 0.0196, 0.0274 |
| CMYK | 0.46, 0.00, 0.01, 0.02 |
| HSL | 179°, 92%, 75% |
| HSV | 179°, 46%, 98% |
| XYZ | 61.1232, 80.3005, 101.0990 |
| YIQ | 215.3870, -67.8980, -25.0020 |

Conversions

Conversions Part 2

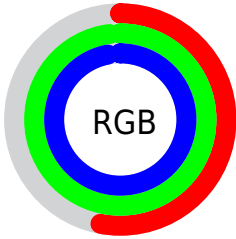
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 135, 193, 250 |
| Decimal | 8911608 |
| CIELab | 91.82, -33.16, -9.22 |
| CIElCh | 92, 34.419, 195.538 |
| Yxy | 80.3005, 0.2520, 0.3311 |
| Android (android.graphics.Color) | 4287101688 (0xFF87FAF8) |
| YUV | 215.3870, 16.0782, -70.4994 |
| Hunter-Lab | 89.6105, -35.0638, -4.1638 |

Details

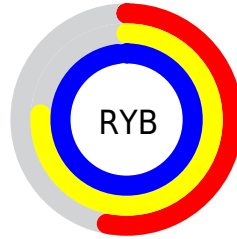
The RYB color **135, 193, 250** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **250, 135, 137**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **195, 225, 255**, and **73, 133, 193** is the 20% darker color. If you saturate the color by 10%, you get **110, 181, 250**, and if you desaturate by 10%, it is **160, 206, 250**.

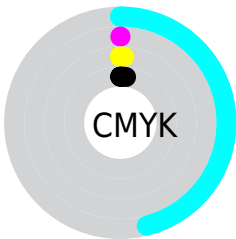
Distribution



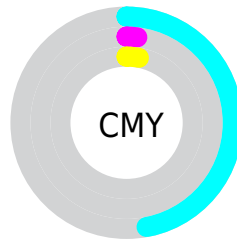
- Red (53%)
- Green (98%)
- Blue (97%)



- Red (53%)
- Yellow (76%)
- Blue (98%)



- Cyan (46%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (47%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 193, 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 135, 193, 250 by changing the saturation by 10% instead.

 135, 193, 250


255, 255, 255


 195, 225, 255

 225, 240, 255

 135, 193, 250

 105, 163, 221

 73, 133, 193

 34, 100, 166

 0, 70, 139

 0, 57, 113

 0, 44, 88


 0, 32, 65

 0, 21, 43


 0, 8, 23

 135, 193, 250


 135, 193, 250

 110, 181, 250


 160, 206, 250

 85, 168, 250


 185, 218, 250

 60, 156, 250

 210, 230, 250

 35, 144, 250

 235, 243, 250

 10, 131, 250

 255, 250, 250

 0, 126, 250

 255, 250, 251

 255, 250, 252

Harmonies

Analogous

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



163, 217, 249



135, 193, 250



135, 193, 255

Triad

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



135, 193, 250



255, 217, 255



216, 255, 168

Complementary

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



135, 193, 250



250, 135, 137

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, 233, 186



135, 193, 250



255, 209, 249

Square

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



135, 193, 250



214, 225, 255



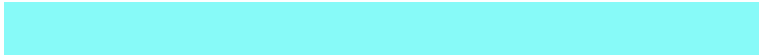
255, 208, 215



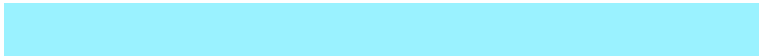
170, 238, 167

Rectangle

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



135, 193, 250



154, 201, 255



255, 208, 215



233, 255, 172

Sweetspot

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



135, 193, 250



219, 237, 255



135, 250, 246



106, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

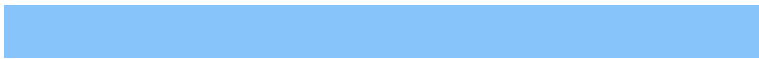
The Same Dimension uses a secret algorithm to generate beautiful new colors.



135, 193, 250



115, 186, 255



135, 175, 250



112, 119, 125



0, 96, 189



0, 31, 61

Inverse Universe

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



250, 135, 137



255, 115, 117



250, 237, 135



125, 112, 113



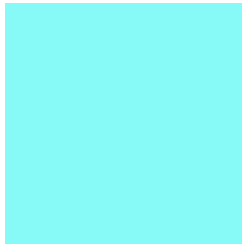
189, 0, 3



61, 0, 1

Previews

White Background



This preview shows how the RYB color 135, 193, 250 looks on a white background.

Color Contrast Check

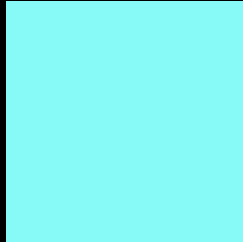
Large Text (above 18pt) WCAG AA × Fail

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 135, 193, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

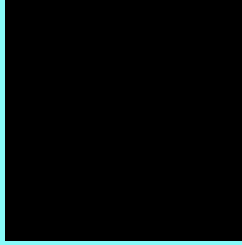
Any Text WCAG AA ✓ Pass

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 135, 193, 250 Background



This preview shows how black text looks on a background with the RYB color 135, 193, 250.

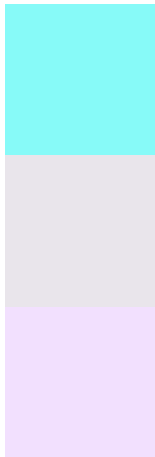


This preview shows how white text looks on a background with the RYB color 135, 193, 250.

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



Original Color
135, 193, 250

Protanopia
233, 229, 235

Deuteranopia
242, 224, 254



Tritanopia
178, 213, 255

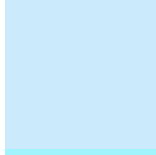
Trichromacy



Original Color
135, 193, 250



Protanomaly
197, 218, 240

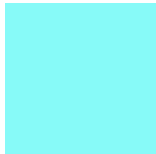


Deuteranomaly
203, 222, 252

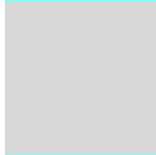


Tritanomaly
162, 205, 252

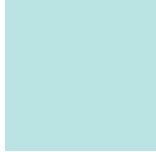
Monochromacy



Original Color
135, 193, 250



Achromatopsia
215, 215, 215



Achromatomaly
186, 207, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 193, 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(135, 250, 248)` looks like.

```
.text, #text, p{  
    color:rgb(135, 250, 248)  
}
```

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(135, 250, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 250, 248) }
```

Border

The CSS property to change the border of an element to RYB 135, 193, 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(135, 250, 248) }
```

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

```
.border{ border-color:rgb(135, 250, 248) }
```

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

Here you see how a box with a 4 pixel rgb(135, 250, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 250, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 250, 248);  
box-shadow:4px 4px 4px 4px rgb(135, 250,  
248) }
```

Background

The CSS property to change the background color of an element to RYB 135, 193, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 250, 248) }
```

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

```
.background{ background-color: rgb(135,  
250, 248) }
```

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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