

Converting Colors

`RYB(135, 190, 254)`

Have a look what the booklet for
RYB(135, 190, 254) contains.

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Color

R_YB(135, 190, 254)

Conversions

Conversions Part 1

Format	Color
Hex	87EDFE
RGB	135, 237, 254
RGB Percent	53%, 93%, 100%
CMY	0.4706, 0.0695, 0.0039
CMYK	0.47, 0.07, 0.00, 0.00
HSL	188°, 98%, 76%
HSV	188°, 47%, 100%
XYZ	58.2422, 73.0290, 104.7922
YIQ	208.4400, -66.2490, -16.3370

Conversions

Conversions Part 2

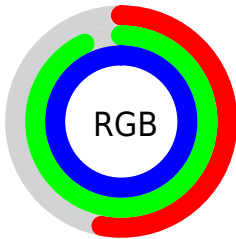
Format	Color
R_{YB}	135, 190, 254
Decimal	8908286
CIE _{Lab}	88.46, -25.58, -17.36
CIE _{LCh}	88, 30.911, 214.161
Yxy	73.0290, 0.2467, 0.3094
Android (android.graphics.Color)	4287098366 (0xFF87EDFE)
YUV	208.4400, 22.4611, -64.4069
Hunter-Lab	85.4570, -27.8951, -12.8849

Details

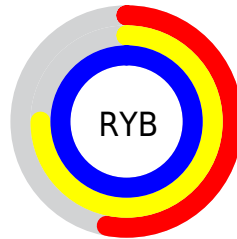
The RYB color **135, 190, 254** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **254, 155, 135**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **194, 225, 255**, and **74, 131, 197** is the 20% darker color. If you saturate the color by 10%, you get **110, 177, 254**, and if you desaturate by 10%, it is **160, 204, 254**.

Distribution



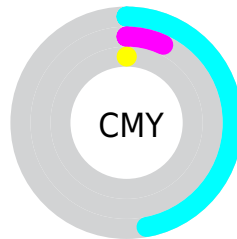
- Red (53%)
- Green (93%)
- Blue (100%)



- Red (53%)
- Yellow (75%)
- Blue (100%)



- Cyan (47%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)




- Cyan (47%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 190, 254 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, 190, 254 by changing the saturation by 10% instead.

 135, 190, 254


255, 255, 255


 194, 225, 255

 224, 240, 255

254, 255, 255

 135, 190, 254

 105, 161, 225

 74, 131, 197

 37, 99, 170

 0, 68, 144

 0, 55, 118

 0, 42, 93


 0, 31, 70

 0, 20, 47


 0, 1, 27

 135, 190, 254


 135, 190, 254

 110, 177, 254


 160, 204, 254

 84, 163, 254

 186, 217, 254

 59, 149, 254

 211, 231, 254

 33, 135, 254

 237, 245, 254

 8, 122, 254

254, 255, 254

 0, 117, 254

Harmonies

Analogous

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



145, 196, 239



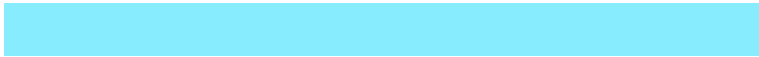
135, 190, 254



153, 198, 255

Triad

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



135, 190, 254



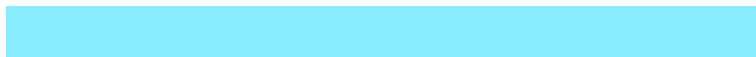
255, 204, 248



188, 240, 163

Complementary

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



135, 190, 254



254, 155, 135

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, 253, 170



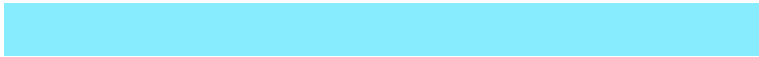
135, 190, 254



255, 201, 219

Square

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



135, 190, 254



232, 213, 255



255, 206, 190



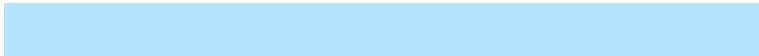
173, 230, 196

Rectangle

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



135, 190, 254



178, 208, 255



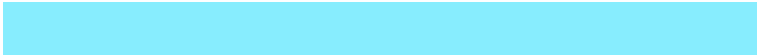
255, 206, 190



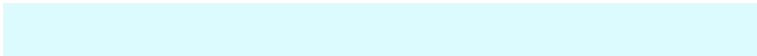
213, 249, 164

Sweetspot

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



135, 190, 254



219, 236, 255



135, 240, 254



106, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



135, 190, 254



112, 178, 255



135, 167, 254



115, 121, 128



0, 88, 191



0, 30, 64

Inverse Universe

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



254, 135, 237



255, 112, 235



205, 254, 135



128, 115, 126



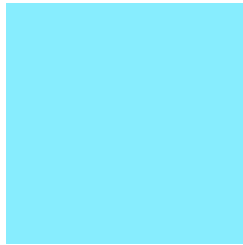
191, 0, 164



64, 0, 55

Previews

White Background



This preview shows how the RYB color 135, 190, 254 looks on a white background.

Color Contrast Check

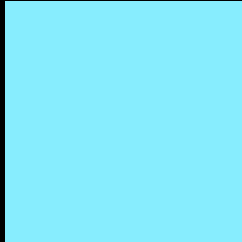
Large Text (above 18pt) WCAG AA × Fail

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, 190, 254 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, 190, 254 Background



This preview shows how black text looks on a background with the RYB color 135, 190, 254.



This preview shows how white text looks on a background with the RYB color 135, 190, 254.

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





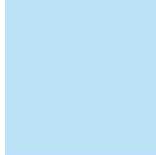
Tritanopia
139, 192, 255

Trichromacy



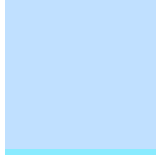
Original Color

135, 190, 254



Protanomaly

188, 211, 246



Deuteranomaly

192, 213, 255



Tritanomaly

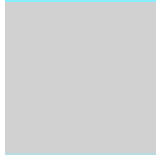
138, 191, 255

Monochromacy



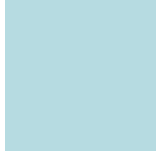
Original Color

135, 190, 254



Achromatopsia

209, 209, 209



Achromatomaly

182, 202, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 190, 254 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, 237, 254)` looks like.

```
.text, #text, p{  
    color:rgb(135, 237, 254)  
}
```

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, 237, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 237, 254) }
```

Border

The CSS property to change the border of an element to RYB 135, 190, 254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

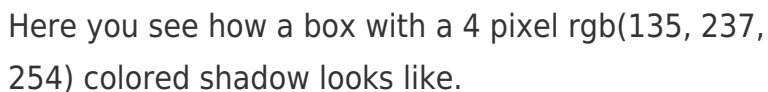
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 237, 254) }
```

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

```
.border{ border-color:rgb(135, 237, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 237, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 237, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 237, 254); box-shadow:4px 4px 4px 4px rgb(135, 237, 254) }
```

Background

The CSS property to change the background color of an element to RYB 135, 190, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 237, 254) }
```

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

```
.background{ background-color: rgb(135,  
237, 254) }
```

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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