

Converting Colors

`RYB(137, 191, 250)`

Have a look what the booklet for
RYB(137, 191, 250) contains.

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Color

R_YB(137, 191, 250)

Conversions

Conversions Part 1

Format	Color
Hex	89F0FA
RGB	137, 240, 250
RGB Percent	54%, 94%, 98%
CMY	0.4627, 0.0572, 0.0196
CMYK	0.45, 0.04, 0.00, 0.02
HSL	185°, 92%, 76%
HSV	185°, 45%, 98%
XYZ	58.8568, 74.7904, 101.7764
YIQ	210.3430, -64.5980, -18.7260

Conversions

Conversions Part 2

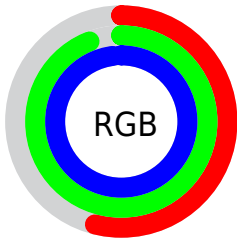
Format	Color
RYB	137, 191, 250
Decimal	9040122
CIELab	89.29, -27.68, -14.01
CIELCh	89, 31.023, 206.842
Yxy	74.7904, 0.2500, 0.3177
Android (android.graphics.Color)	4287230202 (0xFF89F0FA)
YUV	210.3430, 19.5509, -64.3218
Hunter-Lab	86.4815, -29.8606, -9.2389

Details

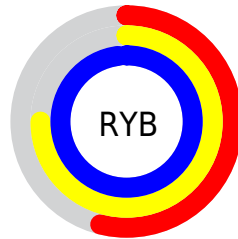
The RYB color **137, 191, 250** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **250, 148, 137**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **196, 226, 255**, and **77, 133, 194** is the 20% darker color. If you saturate the color by 10%, you get **112, 178, 250**, and if you desaturate by 10%, it is **162, 204, 250**.

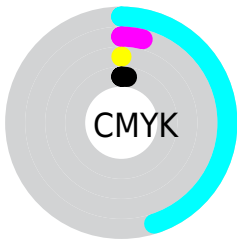
Distribution



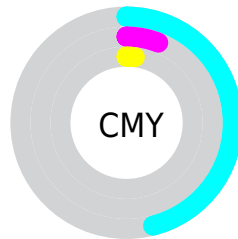
- Red (54%)
- Green (94%)
- Blue (98%)



- Red (54%)
- Yellow (75%)
- Blue (98%)



- Cyan (45%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 191, 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 137, 191, 250 by changing the saturation by 10% instead.


 137, 191, 250


255, 255, 255


 196, 226, 255

 226, 241, 255

 137, 191, 250

 107, 162, 221

 77, 133, 194

 41, 101, 166

 0, 68, 140


 0, 55, 115

 0, 43, 90


 0, 31, 67

 0, 20, 44


 0, 1, 25

 137, 191, 250


 137, 191, 250

 112, 178, 250


 162, 204, 250

 87, 165, 250


 187, 217, 250

 62, 152, 250

 212, 230, 250

 37, 139, 250

 237, 243, 250

 12, 126, 250

 255, 251, 250

 0, 120, 250

 253, 255, 250

 250, 255, 250

Harmonies

Analogous

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



153, 203, 241



137, 191, 250



149, 197, 255

Triad

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



137, 191, 250



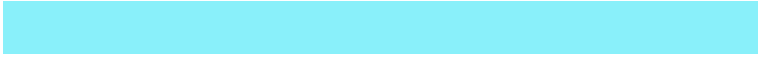
255, 208, 255



207, 249, 165

Complementary

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



137, 191, 250



250, 148, 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, 242, 176



137, 191, 250



255, 203, 229

Square

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



137, 191, 250



225, 218, 255



255, 204, 199



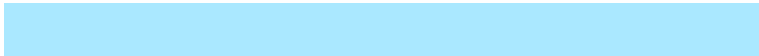
171, 231, 184

Rectangle

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



137, 191, 250



170, 206, 255



255, 204, 199



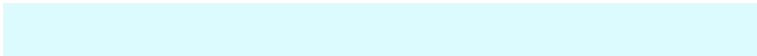
231, 255, 167

Sweetspot

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



137, 191, 250



219, 236, 255



137, 242, 250



106, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



137, 191, 250



117, 183, 255



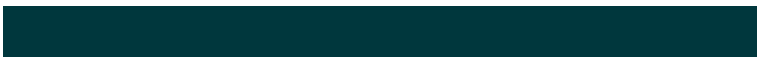
137, 170, 250



112, 118, 125



0, 90, 189



0, 29, 61

Inverse Universe

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



250, 137, 240



255, 117, 243



217, 250, 137



125, 112, 124



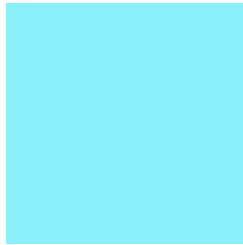
189, 0, 173



61, 0, 56

Previews

White Background



This preview shows how the RYB color 137, 191, 250 looks on a white background.

Color Contrast Check

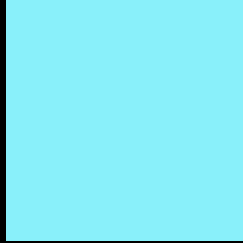
Large Text (above 18pt) WCAG AA × Fail

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 137, 191, 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 137, 191, 250 Background



This preview shows how black text looks on a background with the RYB color 137, 191, 250.

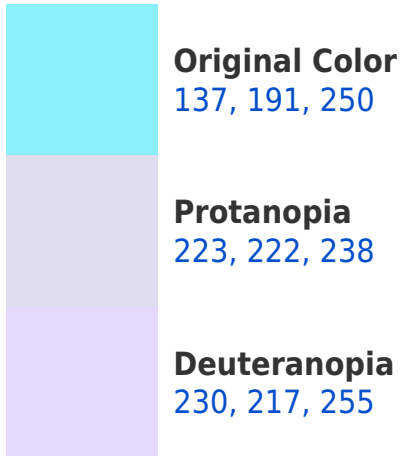



This preview shows how white text looks on a background with the RYB color 137, 191, 250.

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



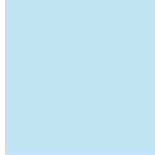


Tritanopia
151, 198, 255

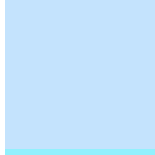
Trichromacy



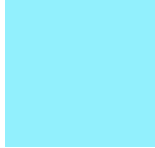
Original Color
137, 191, 250



Protanomaly
192, 213, 242



Deuteranomaly
196, 216, 253

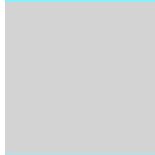


Tritanomaly
146, 196, 253

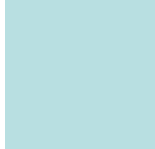
Monochromacy



Original Color
137, 191, 250



Achromatopsia
211, 211, 211



Achromatomaly
184, 204, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 191, 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(137, 240, 250)` looks like.

```
.text, #text, p{  
  color:rgb(137, 240, 250)  
}
```

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(137, 240, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 240, 250) }
```

Border

The CSS property to change the border of an element to RYB 137, 191, 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(137, 240, 250) }
```

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

```
.border{ border-color:rgb(137, 240, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 240, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 240, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 240, 250);  
box-shadow:4px 4px 4px 4px rgb(137, 240,  
250) }
```

Background

The CSS property to change the background color of an element to RYB 137, 191, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 240, 250) }
```

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

```
.background{ background-color: rgb(137,  
240, 250) }
```

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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