

Converting Colors

`RYB(130, 184, 238)`

Have a look what the booklet for
RYB(130, 184, 238) contains.

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Color

R_YB(130, 184, 238)

Conversions

Conversions Part 1

Format	Color
Hex	82EEEE
RGB	130, 238, 238
RGB Percent	51%, 93%, 93%
CMY	0.4902, 0.0667, 0.0667
CMYK	0.45, 0.00, 0.00, 0.07
HSL	180°, 76%, 72%
HSV	180°, 45%, 93%
XYZ	55.2131, 72.0679, 91.8894
YIQ	205.7080, -64.3680, -22.8960

Conversions

Conversions Part 2

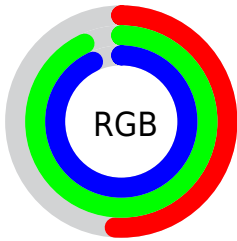
Format	Color
RYB	130, 184, 238
Decimal	8580846
CIELab	88.00, -31.09, -9.69
CIELCh	88, 32.562, 197.310
Yxy	72.0679, 0.2519, 0.3288
Android (android.graphics.Color)	4286770926 (0xFF82EEEE)
YUV	205.7080, 15.9200, -66.3959
Hunter-Lab	84.8928, -32.4687, -4.7515

Details

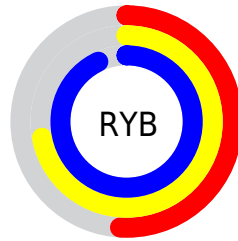
The RYB color **130, 184, 238** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **238, 130, 130**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **189, 222, 255**, and **69, 126, 182** is the 20% darker color. If you saturate the color by 10%, you get **106, 172, 238**, and if you desaturate by 10%, it is **154, 196, 238**.

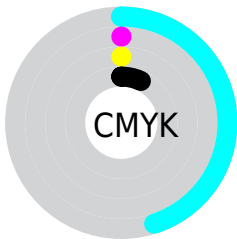
Distribution



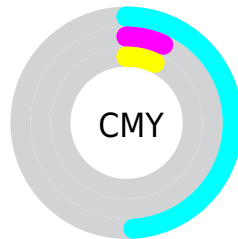
- Red (51%)
- Green (93%)
- Blue (93%)



- Red (51%)
- Yellow (72%)
- Blue (93%)



- Cyan (45%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)




- Cyan (49%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 184, 238 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 130, 184, 238 by changing the saturation by 10% instead.


 130, 184, 238


255, 255, 255


 189, 222, 255


 219, 237, 255

 249, 252, 255

 130, 184, 238


 100, 155, 210

 69, 126, 182


 30, 93, 155

 0, 64, 129

 0, 52, 104


 0, 39, 80


 0, 28, 57

 0, 18, 36


 0, 1, 15

 130, 184, 238


 130, 184, 238

 106, 172, 238


 154, 196, 238

 82, 160, 238


 178, 208, 238

 59, 149, 238

 201, 220, 238

 35, 137, 238

 225, 232, 238

 11, 125, 238

 249, 238, 238

 0, 119, 238

 255, 238, 238

Harmonies

Analogous

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



155, 206, 237



130, 184, 238



132, 188, 255

Triad

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



130, 184, 238



247, 207, 255



234, 255, 161

Complementary

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



130, 184, 238



238, 130, 130

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, 219, 176



130, 184, 238



255, 199, 235

Square

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



130, 184, 238



207, 215, 255



255, 198, 204



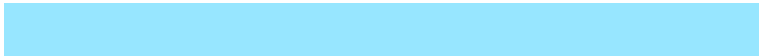
162, 225, 161

Rectangle

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



130, 184, 238



151, 196, 255



255, 198, 204



249, 255, 164

Sweetspot

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



130, 184, 238



219, 237, 255



130, 238, 238



106, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



130, 184, 238



117, 186, 255



130, 166, 238



108, 114, 120



0, 92, 184



0, 28, 56

Inverse Universe

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



238, 130, 238



255, 117, 255



238, 238, 130



120, 108, 120



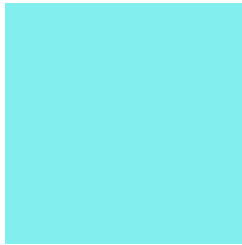
184, 0, 184



56, 0, 56

Previews

White Background



This preview shows how the RYB color 130, 184, 238 looks on a white background.

Color Contrast Check

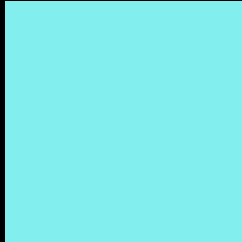
Large Text (above 18pt) WCAG AA × Fail

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 130, 184, 238 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 130, 184, 238 Background



This preview shows how black text looks on a background with the RYB color 130, 184, 238.




This preview shows how white text looks on a background with the RYB color 130, 184, 238.

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





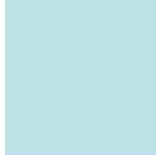
Tritanopia
135, 189, 254

Trichromacy



Original Color

130, 184, 238



Protanomaly

188, 208, 230



Deuteranomaly

194, 212, 241



Tritanomaly

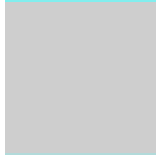
133, 187, 248

Monochromacy



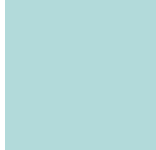
Original Color

130, 184, 238



Achromatopsia

206, 206, 206



Achromatomaly

178, 198, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 184, 238 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(130, 238, 238)` looks like.

```
.text, #text, p{  
    color:rgb(130, 238, 238)  
}
```

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(130, 238, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 238, 238) }
```

Border

The CSS property to change the border of an element to RYB 130, 184, 238 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(130, 238, 238) }
```

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

```
.border{ border-color:rgb(130, 238, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 238, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 238, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 238, 238);  
box-shadow:4px 4px 4px 4px rgb(130, 238,  
238) }
```

Background

The CSS property to change the background color of an element to RYB 130, 184, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 238, 238) }
```

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

```
.background{ background-color: rgb(130,  
238, 238) }
```

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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