

Converting Colors

`RYB(134, 196, 238)`

Have a look what the booklet for
RYB(134, 196, 238) contains.

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Color

R_YB(134, 196, 238)

Conversions

Conversions Part 1

Format	Color
Hex	86EECC
RGB	134, 238, 204
RGB Percent	53%, 93%, 80%
CMY	0.4745, 0.0667, 0.1982
CMYK	0.44, 0.00, 0.14, 0.07
HSL	161°, 75%, 73%
HSV	161°, 44%, 93%
XYZ	51.3594, 70.5987, 68.3311
YIQ	203.0280, -51.0700, -32.6220

Conversions

Conversions Part 2

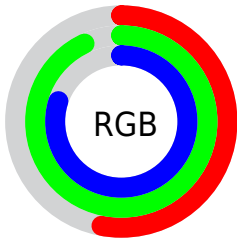
Format	Color
RYB	134, 196, 238
Decimal	8842956
CIELab	87.29, -37.96, 6.85
CIELCh	87, 38.575, 169.765
Yxy	70.5987, 0.2699, 0.3710
Android (android.graphics.Color)	4287033036 (0xFF86EECC)
YUV	203.0280, 0.4792, -60.5376
Hunter-Lab	84.0231, -37.9316, 10.5990

Details

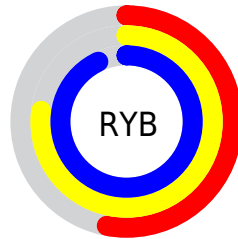
The RYB color **134, 196, 238** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **238, 134, 168**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **192, 224, 255**, and **76, 138, 182** is the 20% darker color. If you saturate the color by 10%, you get **110, 186, 238**, and if you desaturate by 10%, it is **158, 206, 238**.

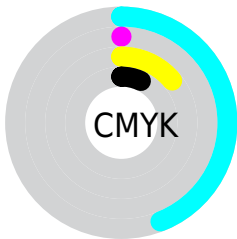
Distribution



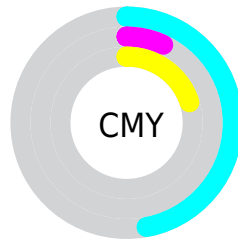
- Red (53%)
- Green (93%)
- Blue (80%)



- Red (53%)
- Yellow (77%)
- Blue (93%)



- Cyan (44%)
- Magenta (0%)
- Yellow (14%)
- Black (7%)




- Cyan (47%)
- Magenta (7%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 196, 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 134, 196, 238 by changing the saturation by 10% instead.

 134, 196, 238

255, 255, 255


 192, 224, 255


 221, 238, 255

 251, 253, 255

 134, 196, 238

 105, 166, 209


 76, 138, 182

 44, 108, 154

 0, 72, 128


 0, 58, 102


 0, 46, 77


 0, 34, 54

 0, 27, 33


 0, 0, 0

 134, 196, 238


 134, 196, 238

 110, 186, 238


 158, 206, 238

 86, 177, 238


 182, 215, 238

 63, 168, 238

 205, 225, 238

 39, 158, 238

 229, 234, 238

 15, 148, 238

 253, 238, 243

 0, 142, 238

 255, 238, 251

 255, 238, 255

Harmonies

Analogous

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



170, 233, 226



134, 196, 238



99, 170, 242

Triad

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



134, 196, 238



206, 213, 255



255, 224, 164

Complementary

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



134, 196, 238



238, 134, 168

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, 192, 196



134, 196, 238



253, 201, 255

Square

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



134, 196, 238



150, 194, 255



255, 192, 233



218, 255, 147

Rectangle

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



134, 196, 238



96, 170, 255



255, 192, 233



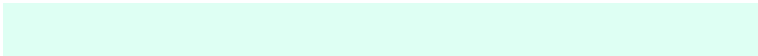
255, 206, 174

Sweetspot

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



134, 196, 238



222, 242, 255



134, 238, 203



107, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



134, 196, 238



122, 201, 255



134, 181, 238



108, 115, 120



0, 110, 184



0, 33, 56

Inverse Universe

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



238, 134, 168



255, 122, 165



238, 154, 134



120, 108, 112



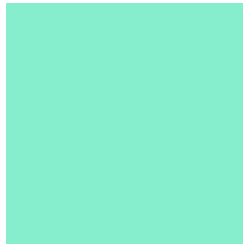
184, 0, 59



56, 0, 18

Previews

White Background



This preview shows how the RYB color 134, 196, 238 looks on a white background.

Color Contrast Check

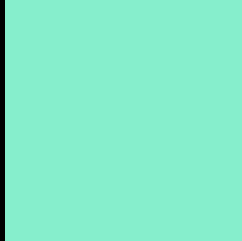
Large Text (above 18pt) WCAG AA × Fail

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 134, 196, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

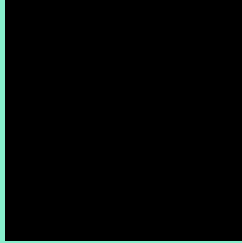
Any Text WCAG AA ✓ Pass

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 134, 196, 238 Background



This preview shows how black text looks on a background with the RYB color 134, 196, 238.

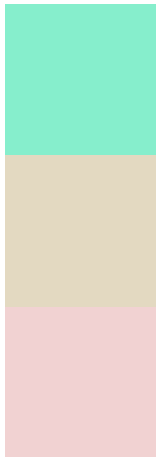


This preview shows how white text looks on a background with the RYB color 134, 196, 238.

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



Original Color
134, 196, 238

Protanopia
207, 227, 193

Deuteranopia
241, 210, 210



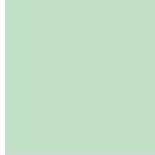
Tritanopia
146, 193, 250

Trichromacy



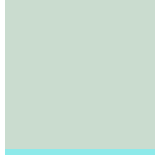
Original Color

134, 196, 238



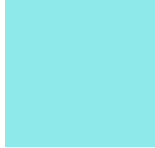
Protanomaly

193, 221, 225



Deuteranomaly

202, 216, 220



Tritanomaly

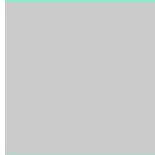
142, 188, 234

Monochromacy



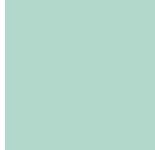
Original Color

134, 196, 238



Achromatopsia

203, 203, 203



Achromatomaly

178, 201, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 196, 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(134, 238, 204)` looks like.

```
.text, #text, p{  
    color:rgb(134, 238, 204)  
}
```

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, 238, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 238, 204) }
```

Border

The CSS property to change the border of an element to RYB 134, 196, 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(134, 238, 204) }
```

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

```
.border{ border-color:rgb(134, 238, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 238, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 238, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 238, 204);  
box-shadow:4px 4px 4px 4px rgb(134, 238,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 134, 196, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 238, 204) }
```

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

```
.background{ background-color: rgb(134,  
238, 204) }
```

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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