

Converting Colors

`RYB(134, 189, 229)`

Have a look what the booklet for RYB(134, 189, 229) contains.

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Color

R_YB(134, 189, 229)

Conversions

Conversions Part 1

Format	Color
Hex	86E5CB
RGB	134, 229, 203
RGB Percent	53%, 90%, 80%
CMY	0.4745, 0.1020, 0.2036
CMYK	0.41, 0.00, 0.11, 0.10
HSL	164°, 65%, 71%
HSV	164°, 41%, 90%
XYZ	48.6412, 65.4231, 66.6210
YIQ	197.6310, -48.2740, -28.2260

Conversions

Conversions Part 2

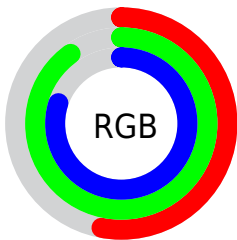
Format	Color
RYB	134, 189, 229
Decimal	8840651
CIELab	84.70, -34.12, 3.83
CIElCh	85, 34.335, 173.592
Yxy	65.4231, 0.2692, 0.3621
Android (android.graphics.Color)	4287030731 (0xFF86E5CB)
YUV	197.6310, 2.6469, -55.8044
Hunter-Lab	80.8845, -34.2042, 7.7846

Details

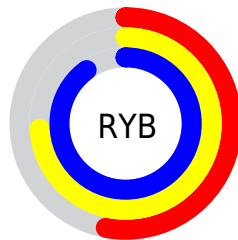
The RYB color **134, 189, 229** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **229, 134, 160**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **191, 223, 255**, and **77, 132, 173** is the 20% darker color. If you saturate the color by 10%, you get **111, 179, 229**, and if you desaturate by 10%, it is **157, 199, 229**.

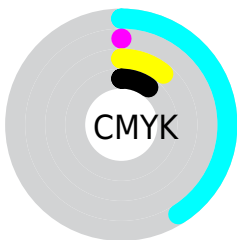
Distribution



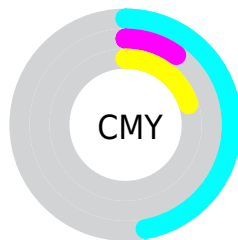
- Red (53%)
- Green (90%)
- Blue (80%)



- Red (53%)
- Yellow (74%)
- Blue (90%)



- Cyan (41%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)




- Cyan (47%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 189, 229 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, 189, 229 by changing the saturation by 10% instead.

 134, 189, 229


255, 255, 255


 191, 223, 255


 220, 238, 255

 250, 253, 255

 134, 189, 229

 106, 161, 201

 77, 132, 173

 47, 103, 146

 1, 67, 120


 0, 53, 95

 0, 40, 70


 0, 28, 47

 0, 20, 25


 0, 0, 0

 134, 189, 229


 134, 189, 229

 111, 179, 229


 157, 199, 229

 88, 169, 229


 180, 208, 229

 65, 160, 229


 203, 218, 229

 42, 150, 229

 226, 228, 229

 20, 141, 229

 249, 229, 234

 0, 132, 229

 255, 229, 241

 255, 229, 247

 255, 229, 253

 255, 229, 255

Harmonies

Analogous

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



170, 223, 225



134, 189, 229



110, 171, 236

Triad

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



134, 189, 229



207, 206, 255



255, 218, 160

Complementary

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



134, 189, 229



229, 134, 160

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, 189, 187



134, 189, 229



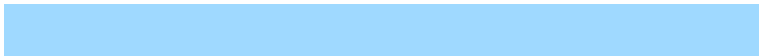
246, 195, 250

Square

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



134, 189, 229



159, 195, 255



255, 188, 220



200, 241, 147

Rectangle

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



134, 189, 229



112, 176, 255



255, 188, 220



255, 203, 168

Sweetspot

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



134, 189, 229



224, 242, 255



134, 229, 202



110, 120, 128



0, 0, 0



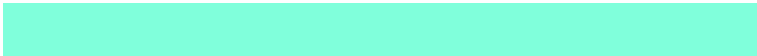
128, 128, 128

Same Dimension

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



134, 189, 229



128, 202, 255



134, 176, 229



103, 110, 115



0, 104, 179



0, 30, 51

Inverse Universe

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



229, 134, 160



255, 128, 162



229, 161, 134



115, 103, 106



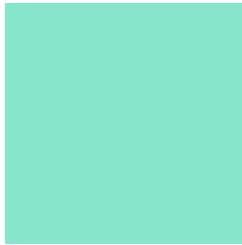
179, 0, 49



51, 0, 14

Previews

White Background



This preview shows how the RYB color 134, 189, 229 looks on a white background.

Color Contrast Check

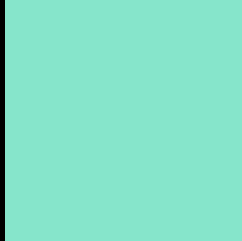
Large Text (above 18pt) WCAG AA × Fail

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, 189, 229 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

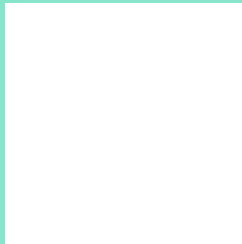
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 134, 189, 229 Background



This preview shows how black text looks on a background with the RYB color 134, 189, 229.

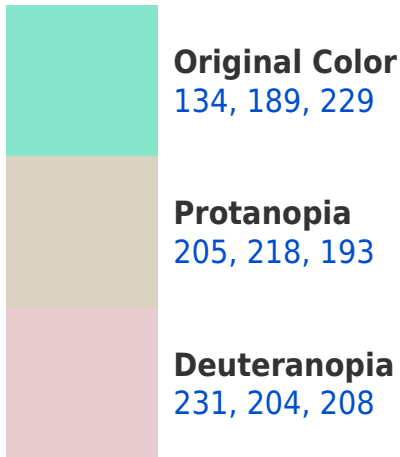



This preview shows how white text looks on a background with the RYB color 134, 189, 229.

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
144, 188, 241

Trichromacy



Original Color

134, 189, 229



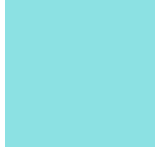
Protanomaly

187, 210, 217



Deuteranomaly

196, 207, 213



Tritanomaly

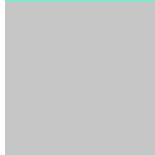
140, 183, 227

Monochromacy



Original Color

134, 189, 229



Achromatopsia

198, 198, 198



Achromatomaly

175, 195, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 189, 229 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, 229, 203)` looks like.

```
.text, #text, p{  
    color:rgb(134, 229, 203)  
}
```

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, 229, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 229, 203) }
```

Border

The CSS property to change the border of an element to RYB 134, 189, 229 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, 229, 203) }
```

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

```
.border{ border-color:rgb(134, 229, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 229, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 229, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 229, 203);  
box-shadow:4px 4px 4px 4px rgb(134, 229,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 134, 189, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 229, 203) }
```

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

```
.background{ background-color: rgb(134,  
229, 203) }
```

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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