

Converting Colors

RGB(134, 221, 229)

Have a look what the booklet for
RGB(134, 221, 229) contains.

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Color

RGB(134, 221, 229)

Conversions

Conversions Part 1

Format	Color
Hex	86DDE5
RGB	134, 221, 229
RGB Percent	53%, 87%, 90%
CMY	0.4745, 0.1333, 0.1020
CMYK	0.41, 0.03, 0.00, 0.10
HSL	185°, 65%, 71%
HSV	185°, 41%, 90%
XYZ	49.8308, 62.4384, 83.5542
YIQ	195.8990, -54.4200, -15.9560

Conversions

Conversions Part 2

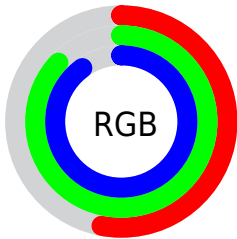
Format	Color
RYB	134, 179, 229
Decimal	8838629
CIELab	83.15, -24.18, -12.16
CIElCh	83, 27.069, 206.702
Yxy	62.4384, 0.2545, 0.3189
Android (android.graphics.Color)	4287028709 (0xFF86DDE5)
YUV	195.8990, 16.3188, -54.2854
Hunter-Lab	79.0180, -25.7146, -7.3811

Details

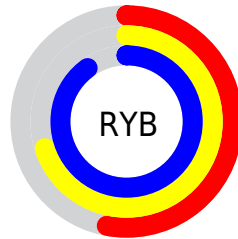
The RGB color **134, 221, 229** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **229, 142, 134**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **191, 255, 255**, and **77, 166, 174** is the 20% darker color. If you saturate the color by 10%, you get **111, 219, 229**, and if you desaturate by 10%, it is **157, 223, 229**.

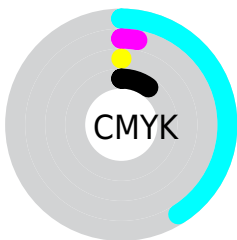
Distribution



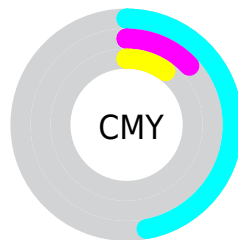
- Red (53%)
- Green (87%)
- Blue (90%)



- Red (53%)
- Yellow (70%)
- Blue (90%)



- Cyan (41%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (47%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 134, 221, 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 RGB color 134, 221, 229 by changing the saturation by 10% instead.

 134, 221, 229


255, 255, 255


 191, 255, 255


 221, 255, 255


 250, 255, 255


 134, 221, 229

 106, 193, 201

 77, 166, 174

 45, 139, 147

 0, 113, 121

 0, 89, 96

 0, 65, 73

 0, 42, 50

 0, 20, 29

 0, 0, 1

 134, 221, 229

 134, 221, 229

 111, 219, 229

 157, 223, 229

 88, 217, 229

 180, 225, 229

 65, 215, 229

 203, 227, 229

 42, 213, 229

 226, 229, 229

 20, 211, 229

 249, 231, 229

 0, 210, 229

 255, 233, 229

 255, 234, 229

 255, 236, 229

 255, 238, 229

Harmonies

Analogous

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



147, 221, 203



134, 221, 229



144, 217, 249

Triad

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



134, 221, 229



237, 193, 235



229, 204, 157

Complementary

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



134, 221, 229



229, 142, 134

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.



249, 196, 165



134, 221, 229



255, 189, 211

Square

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



134, 221, 229



208, 202, 252



255, 190, 185



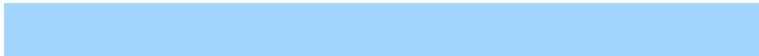
202, 212, 161

Rectangle

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



134, 221, 229



162, 213, 255



255, 190, 185



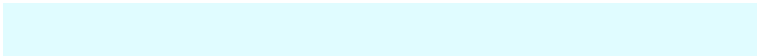
237, 202, 158

Sweetspot

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



134, 221, 229



224, 252, 255



134, 229, 142



110, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



134, 221, 229



128, 244, 255



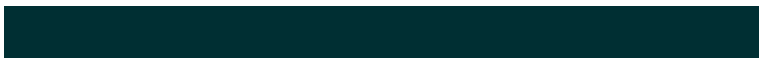
134, 174, 229



103, 114, 115



0, 163, 179



0, 47, 51

Inverse Universe

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



229, 134, 221



255, 128, 244



229, 189, 134



115, 103, 114



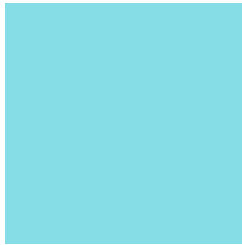
179, 0, 163



51, 0, 47

Previews

White Background



This preview shows how the RGB color 134, 221, 229 looks on a white background.

Color Contrast Check

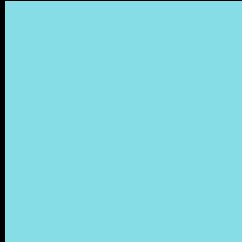
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 134, 221, 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](#).

RGB 134, 221, 229 Background



This preview shows how black text looks on a background with the RGB color 134, 221, 229.

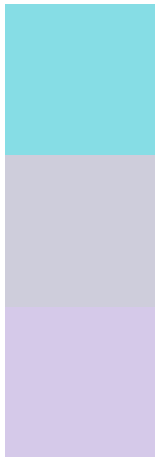


This preview shows how white text looks on a background with the RGB color 134, 221, 229.

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



Original Color
134, 221, 229

Protanopia
206, 205, 219

Deuteranopia
213, 201, 233



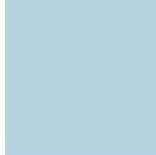
Tritanopia
136, 220, 237

Trichromacy



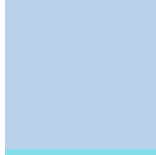
Original Color

134, 221, 229



Protanomaly

180, 211, 223



Deuteranomaly

184, 208, 232



Tritanomaly

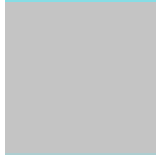
135, 220, 234

Monochromacy



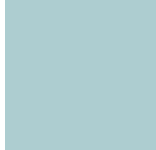
Original Color

134, 221, 229



Achromatopsia

196, 196, 196



Achromatomaly

173, 205, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 221, 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, 221, 229)` looks like.

```
.text, #text, p{  
    color:rgb(134, 221, 229)  
}
```

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, 221, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 221, 229) }
```

Border

The CSS property to change the border of an element to RGB 134, 221, 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, 221, 229) }
```

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

```
.border{ border-color:rgb(134, 221, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 221, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 221, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 221, 229); box-shadow:4px 4px 4px 4px rgb(134, 221, 229) }
```

Background

The CSS property to change the background color of an element to RGB 134, 221, 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, 221, 229) }
```

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

```
.background{ background-color: rgb(134,  
221, 229) }
```

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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