

Converting Colors

RGB(201, 236, 247)

Have a look what the booklet for
RGB(201, 236, 247) contains.

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Color

RGB(201, 236, 247)

Conversions

Conversions Part 1

Format	Color
Hex	C9ECF7
RGB	201, 236, 247
RGB Percent	79%, 93%, 97%
CMY	0.2118, 0.0745, 0.0314
CMYK	0.19, 0.04, 0.00, 0.03
HSL	194°, 74%, 88%
HSV	194°, 19%, 97%
XYZ	70.8713, 79.1238, 99.5328
YIQ	226.7890, -24.3910, -3.9990

Conversions

Conversions Part 2

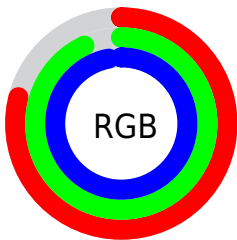
Format	Color
RYB	201, 221, 247
Decimal	13233399
CIELab	91.29, -9.06, -9.12
CIELCh	91, 12.854, 225.191
Yxy	79.1238, 0.2840, 0.3171
Android (android.graphics.Color)	4291423479 (0xFFC9ECF7)
YUV	226.7890, 9.9640, -22.6170
Hunter-Lab	88.9516, -13.4470, -4.0767

Details

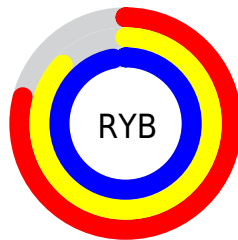
The RGB color **201, 236, 247** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **247, 212, 201**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is 255, 255, 255, and **146, 180, 191** is the 20% darker color. If you saturate the color by 10%, you get **176, 230, 247**, and if you desaturate by 10%, it is **226, 242, 247**.

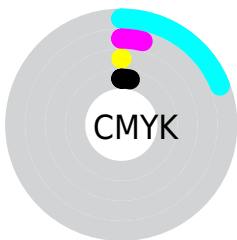
Distribution



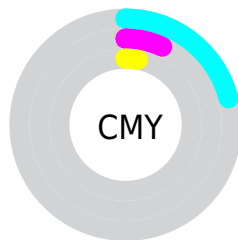
- Red (79%)
- Green (93%)
- Blue (97%)



- Red (79%)
- Yellow (87%)
- Blue (97%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (3%)



- Cyan (21%)
- Magenta (7%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 201, 236, 247 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 201, 236, 247 by changing the saturation by 10% instead.

■ 201, 236, 247

255, 255, 255

■ 201, 236, 247

■ 173, 208, 219

■ 146, 180, 191

■ 120, 153, 164

■ 95, 127, 137

■ 70, 102, 112

■ 46, 78, 88

■ 22, 55, 64

■ 0, 34, 42

■ 0, 10, 22

■ 201, 236, 247

■ 201, 236, 247

■ 176, 230, 247

■ 226, 242, 247

■ 152, 224, 247

■ 250, 248, 247

■ 127, 218, 247

■ 255, 254, 247

■ 102, 212, 247

■ 255, 255, 247

■ 77, 206, 247

■ 53, 201, 247

■ 28, 195, 247

■ 3, 189, 247

■ 0, 188, 247

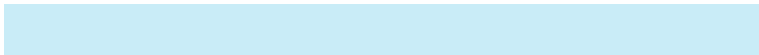
Harmonies

Analogous

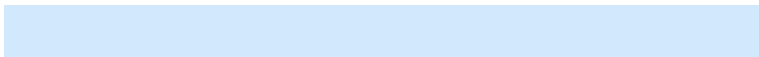
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



200, 237, 236



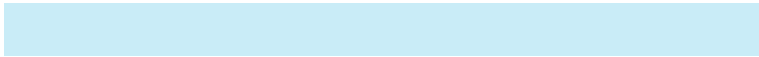
201, 236, 247



210, 233, 253

Triad

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



201, 236, 247



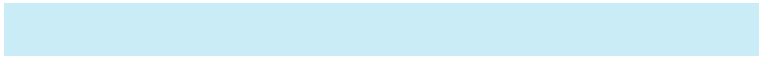
252, 222, 237



234, 231, 206

Complementary

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



201, 236, 247



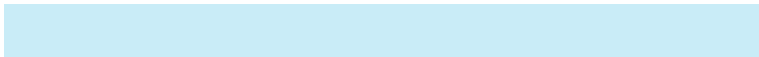
247, 212, 201

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.



246, 227, 206



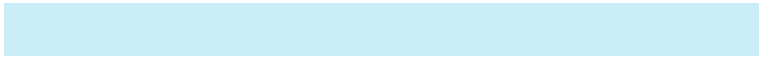
201, 236, 247



255, 222, 224

Square

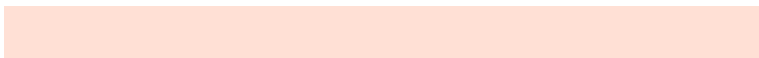
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



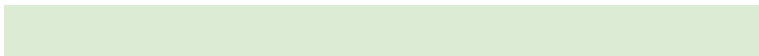
201, 236, 247



240, 225, 247



255, 224, 213



219, 235, 212

Rectangle

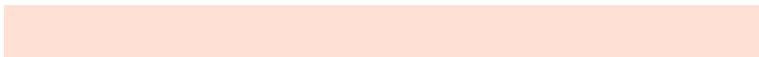
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



201, 236, 247



220, 230, 254



255, 224, 213



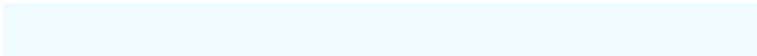
238, 230, 206

Sweetspot

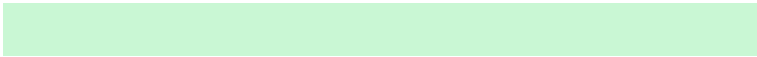
The Sweet Spot groups the original color and five complimentary colors.



201, 236, 247



240, 251, 255



201, 247, 212



119, 125, 128



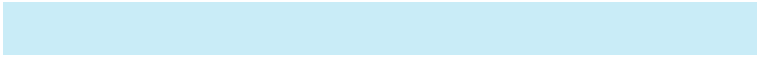
0, 0, 0



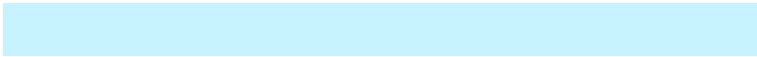
128, 128, 128

Same Dimension

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



201, 236, 247



199, 242, 255



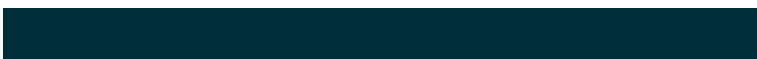
201, 213, 247



110, 119, 122



0, 142, 186



0, 45, 59

Inverse Universe

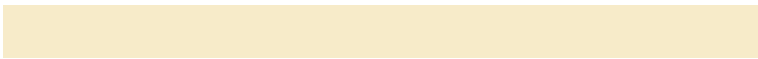
The Inverse Universe completely reimagines the original color for something new.



247, 201, 236



255, 199, 242



247, 235, 201



122, 110, 119



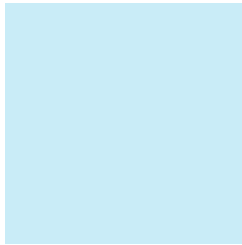
186, 0, 142



59, 0, 45

Previews

White Background



This preview shows how the RGB color 201, 236, 247 looks on a white background.

Color Contrast Check

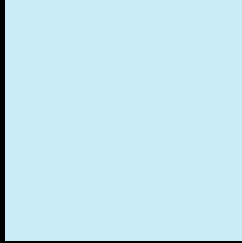
Large Text (above 18pt) WCAG AA × Fail

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 201, 236, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

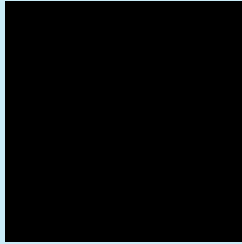
Any Text WCAG AA ✓ Pass

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 201, 236, 247 Background



This preview shows how black text looks on a background with the RGB color 201, 236, 247.



This preview shows how white text looks on a background with the RGB color 201, 236, 247.

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

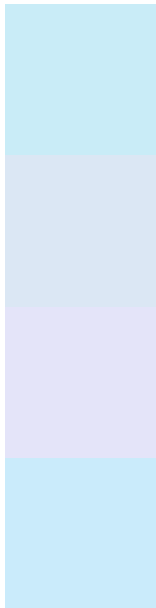




Tritanopia

202, 235, 254

Trichromacy



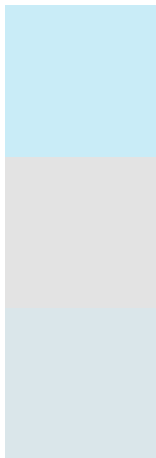
Original Color
201, 236, 247

Protanomaly
219, 231, 244

Deuteranomaly
228, 228, 249

Tritanomaly
202, 235, 251

Monochromacy



Original Color
201, 236, 247

Achromatopsia
227, 227, 227

Achromatomaly
218, 230, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 201, 236, 247 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(201, 236, 247)` looks like.

```
.text, #text, p{  
    color:rgb(201, 236, 247)  
}
```

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(201, 236, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 236, 247) }
```

Border

The CSS property to change the border of an element to RGB 201, 236, 247 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(201, 236, 247) }
```

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

```
.border{ border-color:rgb(201, 236, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 236, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 236, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 236, 247); box-shadow:4px 4px 4px 4px rgb(201, 236, 247) }
```

Background

The CSS property to change the background color of an element to RGB 201, 236, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 236, 247) }
```

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

```
.background{ background-color: rgb(201,  
236, 247) }
```

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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