

Converting Colors

RGB(196, 228, 247)

Have a look what the booklet for
RGB(196, 228, 247) contains.

RGB(196, 228, 247)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(196, 228, 247)

Conversions

Conversions Part 1

Format	Color
Hex	C4E4F7
RGB	196, 228, 247
RGB Percent	77%, 89%, 97%
CMY	0.2314, 0.1059, 0.0314
CMYK	0.21, 0.08, 0.00, 0.03
HSL	202°, 76%, 87%
HSV	202°, 21%, 97%
XYZ	67.2969, 73.9380, 98.7202
YIQ	220.5980, -25.1710, -0.8750

Conversions

Conversions Part 2

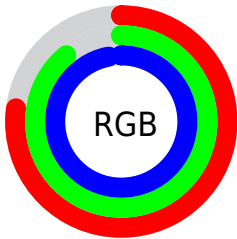
Format	Color
R _Y B	196, 216, 247
Decimal	12903671
CIE Lab	88.89, -6.48, -12.72
CIE LCh	89, 14.279, 243.006
Yxy	73.9380, 0.2805, 0.3081
Android (android.graphics.Color)	4291093751 (0xFFC4E4F7)
YUV	220.5980, 13.0162, -21.5724
Hunter-Lab	85.9872, -10.7767, -7.8787

Details

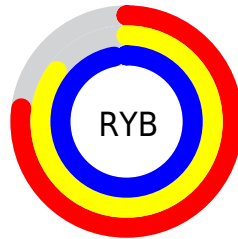
The RGB color **196, 228, 247** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **247, 215, 196**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is 253, 255, 255, and **142, 173, 191** is the 20% darker color. If you saturate the color by 10%, you get **171, 219, 247**, and if you desaturate by 10%, it is **221, 237, 247**.

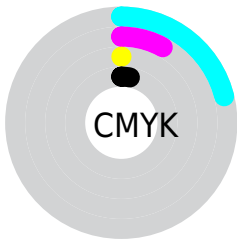
Distribution



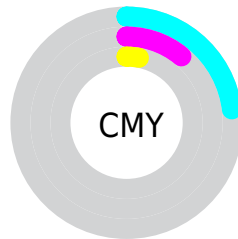
- Red (77%)
- Green (89%)
- Blue (97%)



- Red (77%)
- Yellow (85%)
- Blue (97%)



- Cyan (21%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)














- Cyan (23%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 228, 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 196, 228, 247 by changing the saturation by 10% instead.

 196, 228, 247	 196, 228, 247
255, 255, 255	 168, 200, 218
253, 255, 255	 142, 173, 191
	 115, 146, 164
	 90, 120, 137
	 65, 96, 112
	 41, 72, 87
	 16, 49, 64
	 0, 29, 42
	 0, 1, 22

■ 196, 228, 247

■ 196, 228, 247

■ 171, 219, 247

■ 221, 237, 247

■ 147, 210, 247

■ 245, 246, 247

■ 122, 200, 247

■ 255, 255, 247

■ 97, 191, 247

■ 73, 182, 247

■ 48, 173, 247

■ 23, 164, 247

■ 0, 155, 247

Harmonies

Analogous

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



189, 231, 237



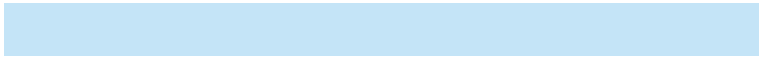
196, 228, 247



211, 224, 250

Triad

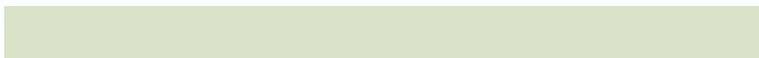
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



196, 228, 247



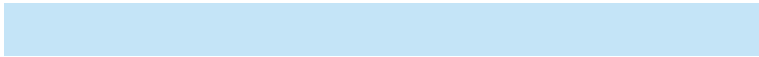
251, 214, 222



218, 227, 200

Complementary

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



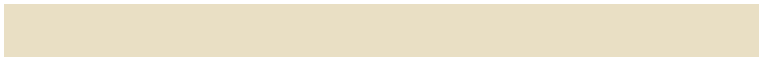
196, 228, 247



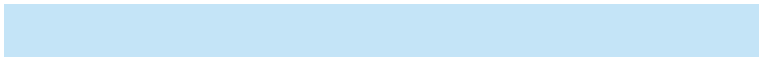
247, 215, 196

Split Complementary

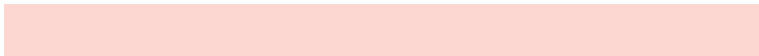
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



233, 223, 196



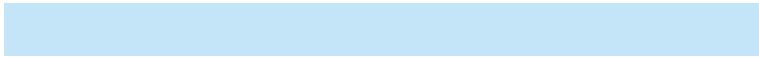
196, 228, 247



252, 215, 209

Square

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



196, 228, 247



243, 216, 236



246, 218, 199



203, 230, 210

Rectangle

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



196, 228, 247



222, 221, 248



246, 218, 199



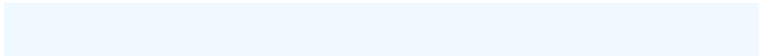
223, 226, 198

Sweetspot

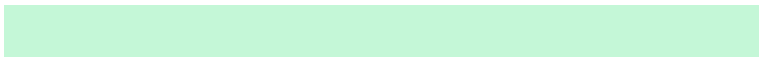
The Sweet Spot groups the original color and five complimentary colors.



196, 228, 247



240, 249, 255



196, 247, 215



119, 124, 128



0, 0, 0



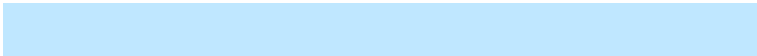
128, 128, 128

Same Dimension

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



196, 228, 247



191, 231, 255



196, 203, 247



110, 118, 122



0, 117, 186



0, 37, 59

Inverse Universe

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



247, 196, 228



255, 191, 231



247, 240, 196



122, 110, 118



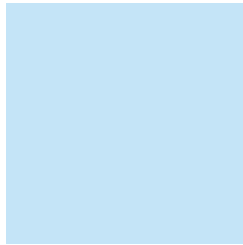
186, 0, 117



59, 0, 37

Previews

White Background



This preview shows how the RGB color 196, 228, 247 looks on a white background.

Color Contrast Check

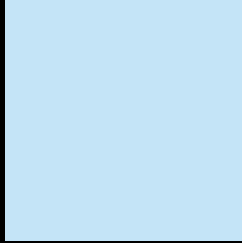
Large Text (above 18pt) WCAG AA × Fail

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 196, 228, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

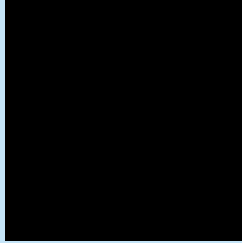
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

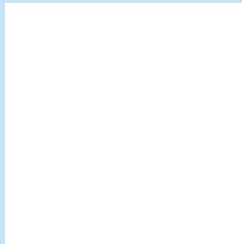
Any Text WCAG AAA ✓ Pass

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

RGB 196, 228, 247 Background



This preview shows how black text looks on a background with the RGB color 196, 228, 247.



This preview shows how white text looks on a background with the RGB color 196, 228, 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
196, 228, 246

Trichromacy



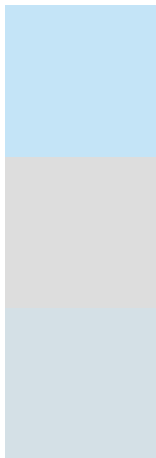
Original Color
196, 228, 247

Protanomaly
212, 224, 244

Deuteranomaly
219, 221, 248

Tritanomaly
196, 228, 246

Monochromacy



Original Color
196, 228, 247

Achromatopsia
221, 221, 221

Achromatomaly
212, 224, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 228, 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(196, 228, 247)` looks like.

```
.text, #text, p{  
    color:rgb(196, 228, 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(196, 228, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 228, 247) }
```

Border

The CSS property to change the border of an element to RGB 196, 228, 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(196, 228, 247) }
```

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

```
.border{ border-color:rgb(196, 228, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 228, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 228, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 228, 247);  
box-shadow:4px 4px 4px 4px rgb(196, 228,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 196, 228, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 228, 247) }
```

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

```
.background{ background-color: rgb(196,  
228, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor