

Converting Colors

RGB(198, 240, 247)

Have a look what the booklet for
RGB(198, 240, 247) contains.

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Color

RGB(198, 240, 247)

Conversions

Conversions Part 1

Format	Color
Hex	C6F0F7
RGB	198, 240, 247
RGB Percent	78%, 94%, 97%
CMY	0.2235, 0.0588, 0.0314
CMYK	0.20, 0.03, 0.00, 0.03
HSL	189°, 75%, 87%
HSV	189°, 20%, 97%
XYZ	71.2373, 81.0413, 99.8836
YIQ	228.2400, -27.2790, -6.7270

Conversions

Conversions Part 2

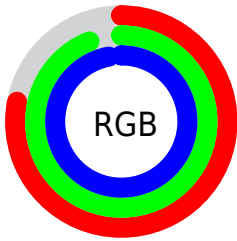
Format	Color
R _Y B	198, 221, 247
Decimal	13037815
CIE Lab	92.15, -11.99, -7.87
CIE LCh	92, 14.336, 213.272
Yxy	81.0413, 0.2825, 0.3214
Android (android.graphics.Color)	4291227895 (0xFFC6F0F7)
YUV	228.2400, 9.2487, -26.5205
Hunter-Lab	90.0230, -16.2889, -2.7683

Details

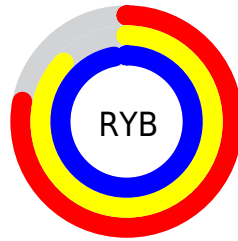
The RGB color **198, 240, 247** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **247, 205, 198**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 255, 255, 255, and **143, 184, 191** is the 20% darker color. If you saturate the color by 10%, you get **173, 236, 247**, and if you desaturate by 10%, it is **223, 244, 247**.

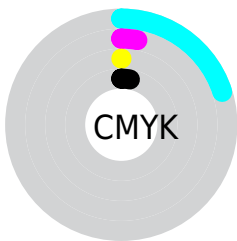
Distribution



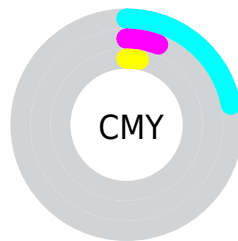
- Red (78%)
- Green (94%)
- Blue (97%)



- Red (78%)
- Yellow (87%)
- Blue (97%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (3%)



- Cyan (22%)
- Magenta (6%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 198, 240, 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 198, 240, 247 by changing the saturation by 10% instead.

■ 198, 240, 247

255, 255, 255

■ 198, 240, 247

■ 170, 212, 219

■ 143, 184, 191

■ 117, 157, 164

■ 91, 131, 137

■ 67, 106, 112

■ 42, 81, 88

■ 17, 58, 64

■ 0, 37, 42

■ 0, 15, 22

■ 198, 240, 247

■ 198, 240, 247

■ 173, 236, 247

■ 223, 244, 247

■ 149, 233, 247

■ 247, 247, 247

■ 124, 229, 247

■ 255, 251, 247

■ 99, 226, 247

■ 255, 254, 247

■ 75, 222, 247

■ 255, 255, 247

■ 50, 219, 247

■ 25, 215, 247

■ 0, 212, 247

■ 0, 212, 247

Harmonies

Analogous

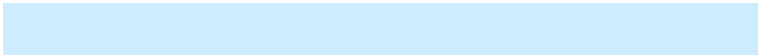
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



201, 241, 233



198, 240, 247



205, 237, 255

Triad

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



198, 240, 247



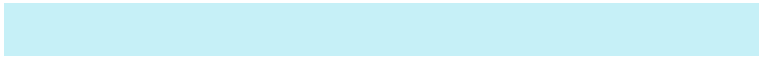
252, 225, 245



242, 232, 205

Complementary

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



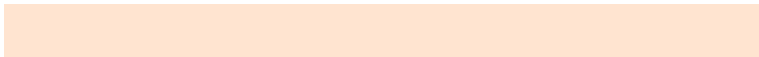
198, 240, 247



247, 205, 198

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, 228, 208



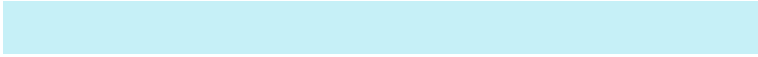
198, 240, 247



255, 223, 231

Square

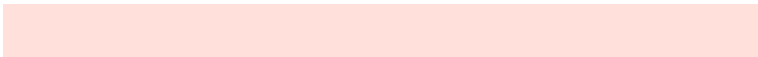
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



198, 240, 247



237, 228, 255



255, 224, 218



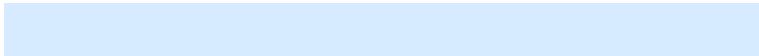
227, 236, 209

Rectangle

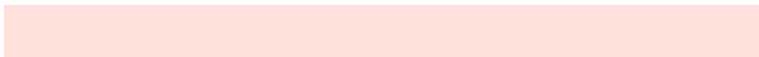
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



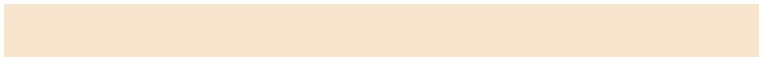
198, 240, 247



214, 235, 255



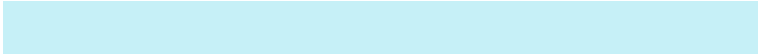
255, 224, 218



247, 230, 205

Sweetspot

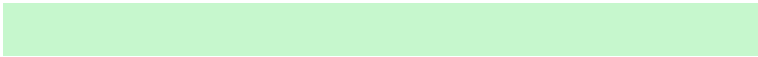
The Sweet Spot groups the original color and five complimentary colors.



198, 240, 247



240, 253, 255



198, 247, 205



119, 126, 128



0, 0, 0



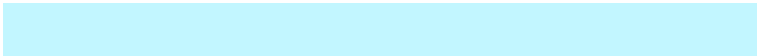
128, 128, 128

Same Dimension

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



198, 240, 247



194, 246, 255



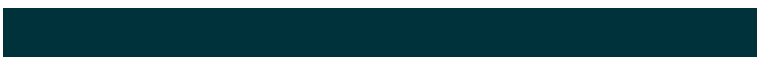
198, 216, 247



110, 121, 122



0, 160, 186



0, 50, 59

Inverse Universe

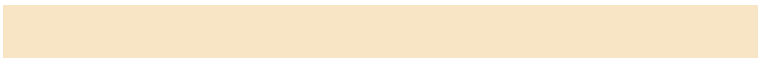
The Inverse Universe completely reimagines the original color for something new.



247, 198, 240



255, 194, 246



247, 229, 198



122, 110, 121



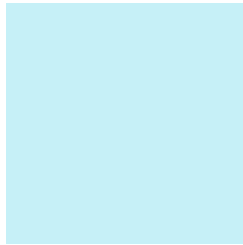
186, 0, 160



59, 0, 50

Previews

White Background



This preview shows how the RGB color 198, 240, 247 looks on a white background.

Color Contrast Check

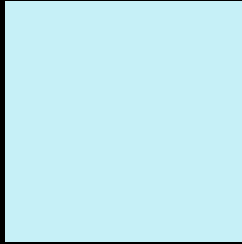
Large Text (above 18pt) WCAG AA × Fail

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 198, 240, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

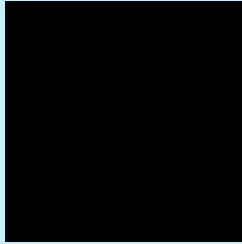
Any Text WCAG AA ✓ Pass

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 198, 240, 247 Background



This preview shows how black text looks on a background with the RGB color 198, 240, 247.

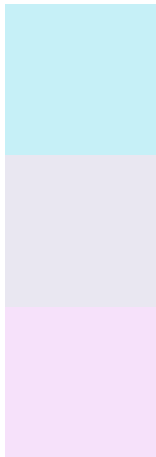


This preview shows how white text looks on a background with the RGB color 198, 240, 247.

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



Original Color
198, 240, 247

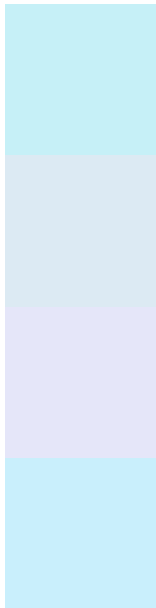
Protanopia
233, 231, 241

Deuteranopia
246, 225, 250



Tritanopia
203, 238, 255

Trichromacy



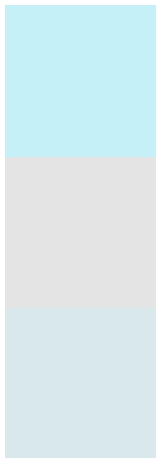
Original Color
198, 240, 247

Protanomaly
220, 234, 243

Deuteranomaly
229, 230, 249

Tritanomaly
201, 239, 252

Monochromacy



Original Color
198, 240, 247

Achromatopsia
228, 228, 228

Achromatomaly
217, 232, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 198, 240, 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(198, 240, 247)` looks like.

```
.text, #text, p{  
    color:rgb(198, 240, 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(198, 240, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 240, 247) }
```

Border

The CSS property to change the border of an element to RGB 198, 240, 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(198, 240, 247) }
```

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

```
.border{ border-color:rgb(198, 240, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 240, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 240, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 240, 247); box-shadow:4px 4px 4px 4px rgb(198, 240, 247) }
```

Background

The CSS property to change the background color of an element to RGB 198, 240, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 240, 247) }
```

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

```
.background{ background-color: rgb(198,  
240, 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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