

Converting Colors

RGB(214, 255, 247)

Have a look what the booklet for
RGB(214, 255, 247) contains.

RGB(214, 255, 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(214, 255, 247)

Conversions

Conversions Part 1

Format	Color
Hex	D6FFF7
RGB	214, 255, 247
RGB Percent	84%, 100%, 97%
CMY	0.1608, 0.0000, 0.0314
CMYK	0.16, 0.00, 0.03, 0.00
HSL	168°, 100%, 92%
HSV	168°, 16%, 100%
XYZ	80.2801, 92.5315, 101.6249
YIQ	241.8290, -21.8680, -11.1800

Conversions

Conversions Part 2

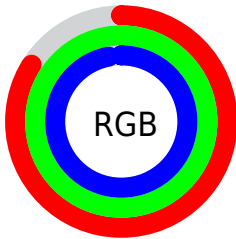
Format	Color
RYB	214, 237, 255
Decimal	14090231
CIELab	97.04, -14.59, -0.56
CIELCh	97, 14.604, 182.204
Yxy	92.5315, 0.2925, 0.3372
Android (android.graphics.Color)	4292280311 (0xFFD6FFF7)
YUV	241.8290, 2.5493, -24.4060
Hunter-Lab	96.1933, -19.3676, 4.6975

Details

The RGB color **214, 255, 247** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **255, 214, 222**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is **255, 255, 255**, and **159, 198, 191** is the 20% darker color. If you saturate the color by 10%, you get **189, 255, 242**, and if you desaturate by 10%, it is **240, 255, 252**.

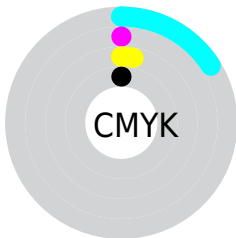
Distribution



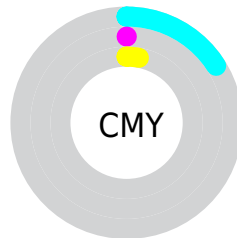
- Red (84%)
- Green (100%)
- Blue (97%)



- Red (84%)
- Yellow (93%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RGB color 214, 255, 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 214, 255, 247 by changing the saturation by 10% instead.

214, 255, 247

255, 255, 255

214, 255, 247

186, 226, 219

159, 198, 191

132, 171, 164

107, 144, 137

82, 119, 112

58, 94, 88

34, 70, 64

10, 48, 42

0, 27, 22

■ 214, 255, 247

■ 214, 255, 247

■ 189, 255, 242

■ 240, 255, 252

■ 163, 255, 237

255, 255, 255

■ 138, 255, 232

■ 112, 255, 227

■ 87, 255, 222

■ 61, 255, 217

■ 35, 255, 212

■ 10, 255, 207

■ 0, 255, 205

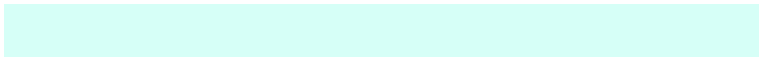
Harmonies

Analogous

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



225, 254, 233



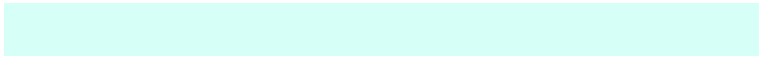
214, 255, 247



211, 254, 255

Triad

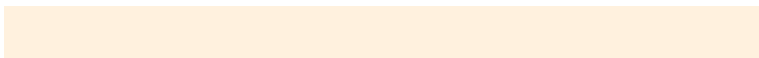
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



214, 255, 247



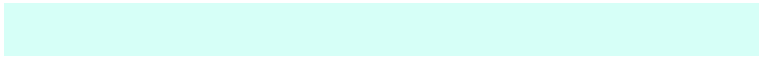
251, 243, 255



255, 241, 222

Complementary

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



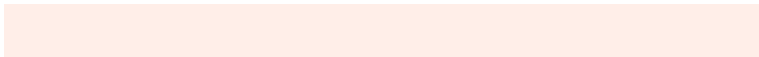
214, 255, 247



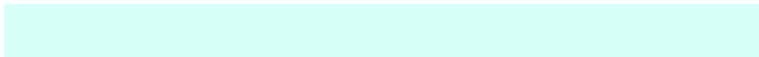
255, 214, 222

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, 238, 232



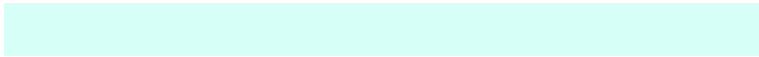
214, 255, 247



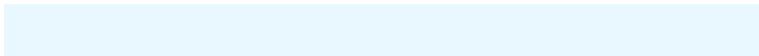
255, 239, 255

Square

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



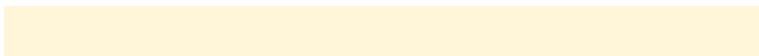
214, 255, 247



233, 247, 255



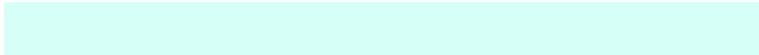
255, 237, 246



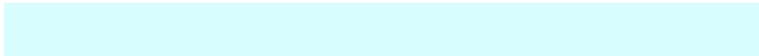
255, 246, 218

Rectangle

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



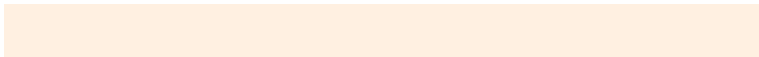
214, 255, 247



215, 253, 255



255, 237, 246



255, 240, 225

Sweetspot

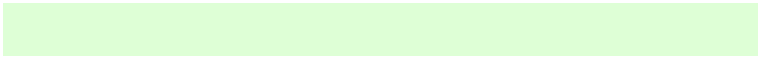
The Sweet Spot groups the original color and five complimentary colors.



214, 255, 247



242, 255, 253



222, 255, 214



120, 128, 126



0, 0, 0



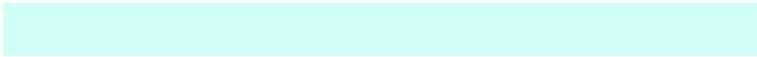
128, 128, 128

Same Dimension

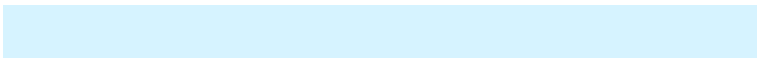
The Same Dimension uses a secret algorithm to generate beautiful new colors.



214, 255, 247



207, 255, 246



214, 243, 255



115, 128, 125



0, 191, 154



0, 64, 51

Inverse Universe

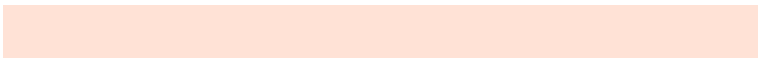
The Inverse Universe completely reimagines the original color for something new.



255, 214, 222



255, 207, 216



255, 226, 214



128, 115, 117



191, 0, 37



64, 0, 12

Previews

White Background



This preview shows how the RGB color 214, 255, 247 looks on a white background.

Color Contrast Check

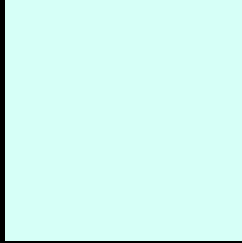
Large Text (above 18pt) WCAG AA × Fail

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 214, 255, 247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

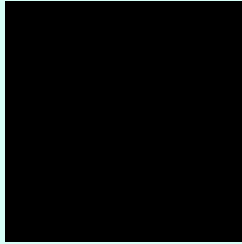
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

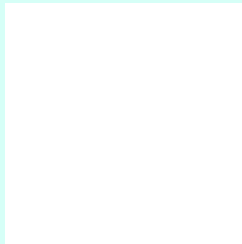
Any Text WCAG AAA ✓ Pass

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

RGB 214, 255, 247 Background



This preview shows how black text looks on a background with the RGB color 214, 255, 247.

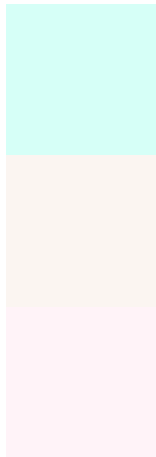


This preview shows how white text looks on a background with the RGB color 214, 255, 247.

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
214, 255, 247

Protanopia
251, 245, 241

Deuteranopia
255, 243, 248



Tritanopia

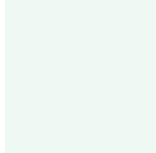
237, 248, 255

Trichromacy



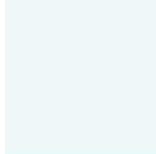
Original Color

214, 255, 247



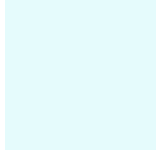
Protanomaly

238, 249, 243



Deuteranomaly

240, 247, 248



Tritanomaly

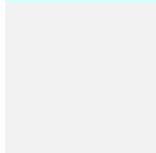
229, 251, 252

Monochromacy



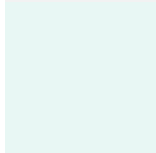
Original Color

214, 255, 247



Achromatopsia

242, 242, 242



Achromatomaly

232, 247, 244

CSS Examples

Text

The CSS property to change the color of the text to RGB 214, 255, 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(214, 255, 247)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 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(214, 255, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 247) }
```

Border

The CSS property to change the border of an element to RGB 214, 255, 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(214, 255, 247) }
```

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

```
.border{ border-color:rgb(214, 255, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 255, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
247) }
```

Background

The CSS property to change the background color of an element to RGB 214, 255, 247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 247) }
```

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

```
.background{ background-color: rgb(214,  
255, 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