

Converting Colors

RGB(213, 246, 246)

Have a look what the booklet for
RGB(213, 246, 246) contains.

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Color

RGB(213, 246, 246)

Conversions

Conversions Part 1

Format	Color
Hex	D5F6F6
RGB	213, 246, 246
RGB Percent	84%, 96%, 96%
CMY	0.1647, 0.0353, 0.0353
CMYK	0.13, 0.00, 0.00, 0.04
HSL	180°, 65%, 90%
HSV	180°, 13%, 96%
XYZ	77.0309, 86.7115, 99.8658
YIQ	236.1330, -19.6680, -6.9960

Conversions

Conversions Part 2

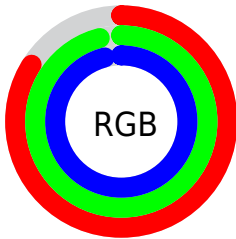
Format	Color
R _{YB}	213, 230, 246
Decimal	14022390
CIE Lab	94.62, -10.62, -3.60
CIE LCh	95, 11.215, 198.736
Yxy	86.7115, 0.2922, 0.3289
Android (android.graphics.Color)	4292212470 (0xFFD5F6F6)
YUV	236.1330, 4.8644, -20.2876
Hunter-Lab	93.1190, -15.2976, 1.5975

Details

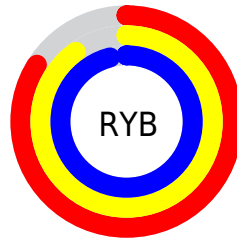
The RGB color **213, 246, 246** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **246, 213, 213**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **255, 255, 255**, and **158, 190, 190** is the 20% darker color. If you saturate the color by 10%, you get **188, 246, 246**, and if you desaturate by 10%, it is **238, 246, 246**.

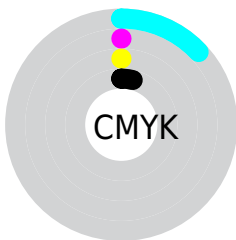
Distribution



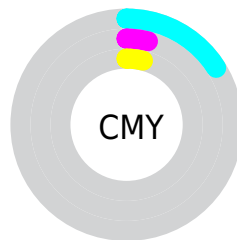
- Red (84%)
- Green (96%)
- Blue (96%)



- Red (84%)
- Yellow (90%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 246, 246 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 213, 246, 246 by changing the saturation by 10% instead.

■ 213, 246, 246

255, 255, 255

■ 213, 246, 246

■ 185, 218, 218

■ 158, 190, 190

■ 132, 163, 163

■ 106, 136, 136

■ 81, 111, 111

■ 58, 87, 87

■ 35, 63, 64

■ 12, 41, 42

■ 0, 21, 21

 213, 246, 246

 213, 246, 246

 188, 246, 246

 238, 246, 246

 164, 246, 246

 255, 246, 246

 139, 246, 246

 115, 246, 246

 90, 246, 246

 65, 246, 246

 41, 246, 246

 16, 246, 246

 0, 246, 246

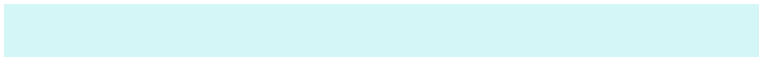
Harmonies

Analogous

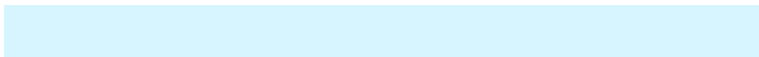
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218, 246, 235



213, 246, 246



215, 245, 255

Triad

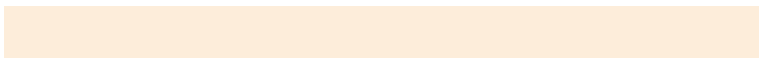
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



213, 246, 246



250, 235, 254



253, 237, 218

Complementary

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



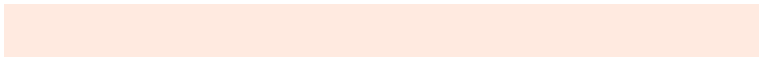
213, 246, 246



246, 213, 213

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, 234, 224



213, 246, 246



255, 233, 244

Square

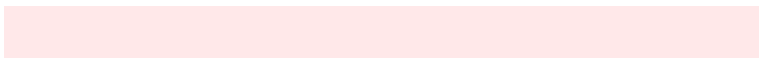
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



213, 246, 246



237, 238, 255



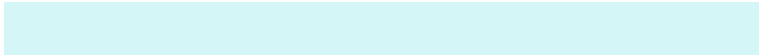
255, 232, 233



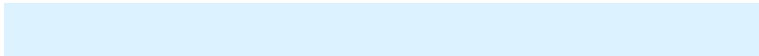
241, 241, 219

Rectangle

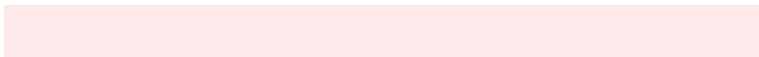
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



213, 246, 246



220, 243, 255



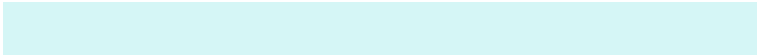
255, 232, 233



255, 236, 220

Sweetspot

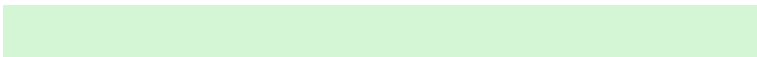
The Sweet Spot groups the original color and five complimentary colors.



213, 246, 246



245, 255, 255



213, 246, 213



121, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

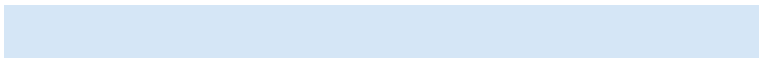
The Same Dimension uses a secret algorithm to generate beautiful new colors.



213, 246, 246



214, 255, 255



213, 230, 246



110, 122, 122



0, 186, 186



0, 59, 59

Inverse Universe

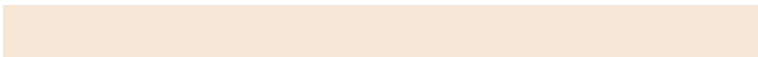
The Inverse Universe completely reimagines the original color for something new.



246, 213, 246



255, 214, 255



246, 230, 213



122, 110, 122



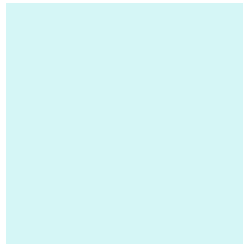
186, 0, 186



59, 0, 59

Previews

White Background



This preview shows how the RGB color 213, 246, 246 looks on a white background.

Color Contrast Check

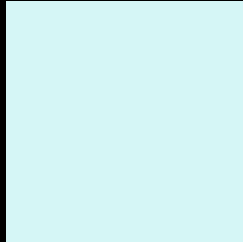
Large Text (above 18pt) WCAG AA × Fail

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 213, 246, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

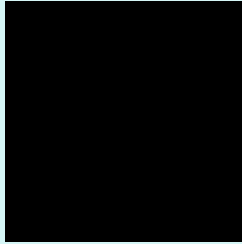
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

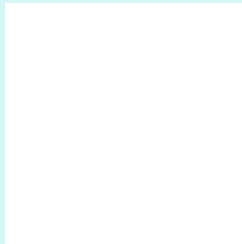
Any Text WCAG AAA ✓ Pass

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

RGB 213, 246, 246 Background



This preview shows how black text looks on a background with the RGB color 213, 246, 246.

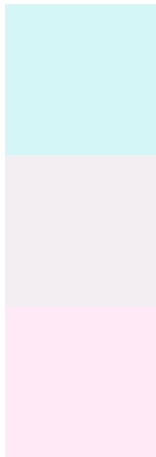


This preview shows how white text looks on a background with the RGB color 213, 246, 246.

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
213, 246, 246

Protanopia
243, 238, 241

Deuteranopia
255, 233, 247



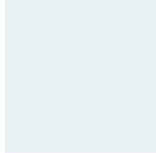
Tritanopia
224, 242, 255

Trichromacy



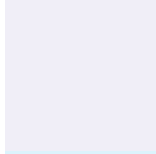
Original Color

213, 246, 246



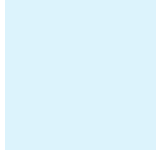
Protanomaly

232, 241, 243



Deuteranomaly

240, 238, 247



Tritanomaly

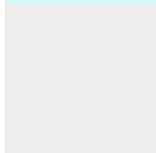
220, 243, 252

Monochromacy



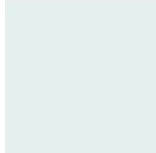
Original Color

213, 246, 246



Achromatopsia

236, 236, 236



Achromatomaly

228, 240, 240

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 246, 246 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(213, 246, 246)` looks like.

```
.text, #text, p{  
    color:rgb(213, 246, 246)  
}
```

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(213, 246, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 246, 246) }
```

Border

The CSS property to change the border of an element to RGB 213, 246, 246 is called "border". The border property can be set on classes, ids or directly on the HTML element.

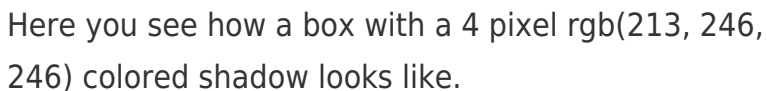
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 246, 246) }
```

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

```
.border{ border-color:rgb(213, 246, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 246, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 246, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 246, 246); box-shadow:4px 4px 4px 4px rgb(213, 246, 246) }
```

Background

The CSS property to change the background color of an element to RGB 213, 246, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 246, 246) }
```

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

```
.background{ background-color: rgb(213,  
246, 246) }
```

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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