

Converting Colors

RGB(213, 246, 237)

Have a look what the booklet for
RGB(213, 246, 237) contains.

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Color

RGB(213, 246, 237)

Conversions

Conversions Part 1

Format	Color
Hex	D5F6ED
RGB	213, 246, 237
RGB Percent	84%, 96%, 93%
CMY	0.1647, 0.0353, 0.0706
CMYK	0.13, 0.00, 0.04, 0.04
HSL	164°, 65%, 90%
HSV	164°, 13%, 96%
XYZ	75.6824, 86.1721, 92.7648
YIQ	235.1070, -16.7790, -9.7950

Conversions

Conversions Part 2

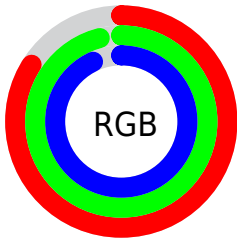
Format	Color
R_{YB}	213, 232, 246
Decimal	14022381
CIE _{Lab}	94.39, -12.37, 0.72
CIE _{LCh}	94, 12.387, 176.664
Yxy	86.1721, 0.2972, 0.3384
Android (android.graphics.Color)	4292212461 (0xFFD5F6ED)
YUV	235.1070, 0.9332, -19.3878
Hunter-Lab	92.8289, -16.9215, 5.7312

Details

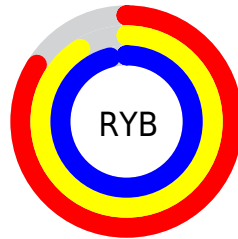
The RGB color **213, 246, 237** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **246, 213, 222**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **158, 190, 181** is the 20% darker color. If you saturate the color by 10%, you get **188, 246, 230**, and if you desaturate by 10%, it is **238, 246, 244**.

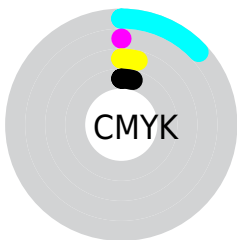
Distribution



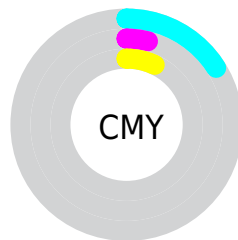
- Red (84%)
- Green (96%)
- Blue (93%)



- Red (84%)
- Yellow (91%)
- Blue (96%)



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



- Cyan (16%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 246, 237 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, 237 by changing the saturation by 10% instead.

■ 213, 246, 237

255, 255, 255

■ 213, 246, 237

■ 185, 218, 209

■ 158, 190, 181

■ 132, 163, 154

■ 106, 136, 128

■ 82, 111, 103

■ 58, 86, 79

■ 35, 63, 57

■ 13, 41, 35

■ 0, 22, 13

 213, 246, 237

 213, 246, 237

 188, 246, 230

 238, 246, 244

 164, 246, 224

 255, 246, 250

 139, 246, 217

 255, 246, 255

 115, 246, 210

 90, 246, 203

 65, 246, 197

 41, 246, 190

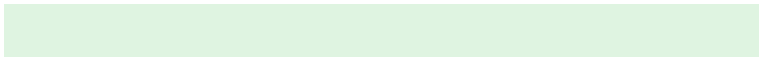
 16, 246, 183

 0, 246, 179

Harmonies

Analogous

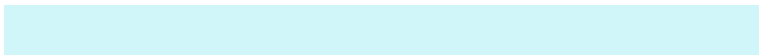
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223, 244, 225



213, 246, 237



209, 246, 249

Triad

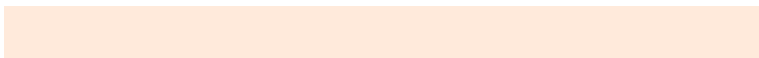
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



213, 246, 237



240, 236, 255



255, 234, 219

Complementary

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



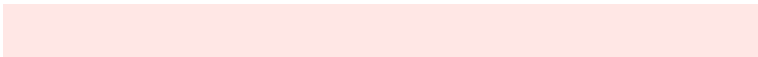
213, 246, 237



246, 213, 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, 231, 229



213, 246, 237



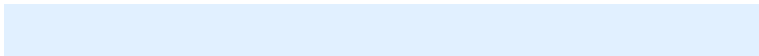
254, 233, 252

Square

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



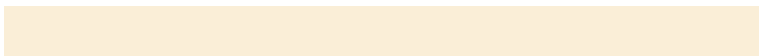
213, 246, 237



225, 240, 255



255, 231, 241



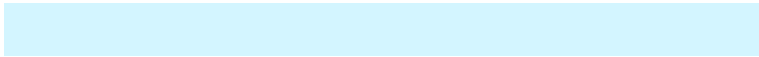
250, 238, 215

Rectangle

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



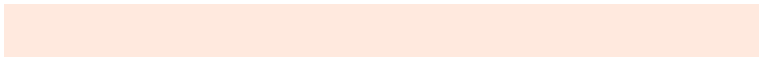
213, 246, 237



211, 245, 255



255, 231, 241



255, 233, 222

Sweetspot

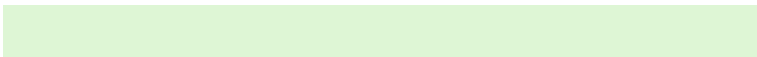
The Sweet Spot groups the original color and five complimentary colors.



213, 246, 237



245, 255, 252



222, 246, 213



121, 128, 126



0, 0, 0



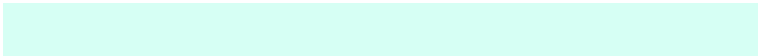
128, 128, 128

Same Dimension

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



213, 246, 237



214, 255, 244



213, 239, 246



110, 122, 119



0, 186, 135



0, 59, 43

Inverse Universe

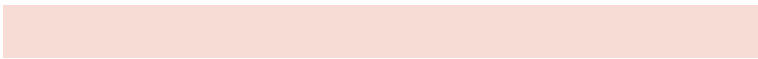
The Inverse Universe completely reimagines the original color for something new.



246, 213, 222



255, 214, 225



246, 220, 213



122, 110, 113



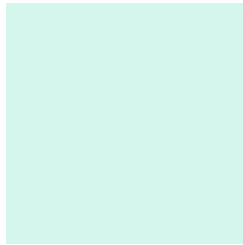
186, 0, 51



59, 0, 16

Previews

White Background



This preview shows how the RGB color 213, 246, 237 looks on a white background.

Color Contrast Check

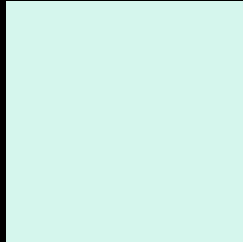
Large Text (above 18pt) WCAG AA × Fail

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, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

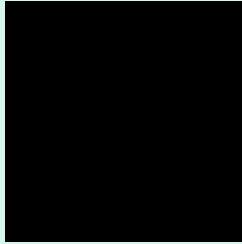
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

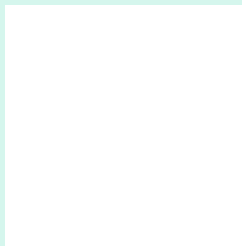
Any Text WCAG AAA ✓ Pass

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

RGB 213, 246, 237 Background



This preview shows how black text looks on a background with the RGB color 213, 246, 237.

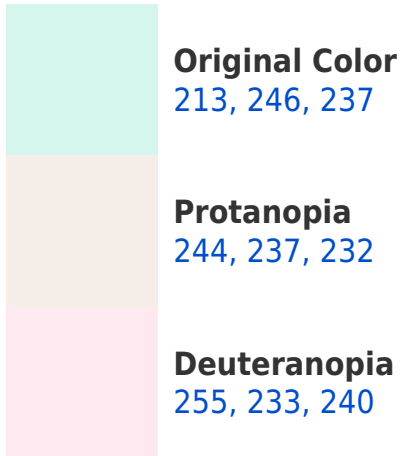


This preview shows how white text looks on a background with the RGB color 213, 246, 237.

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





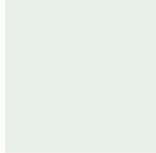
Tritanopia
224, 241, 255

Trichromacy



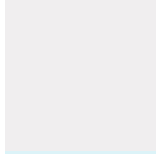
Original Color

213, 246, 237



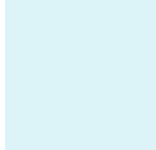
Protanomaly

233, 240, 234



Deuteranomaly

240, 238, 239



Tritanomaly

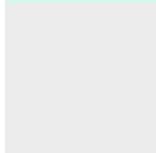
220, 243, 248

Monochromacy



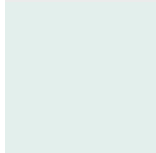
Original Color

213, 246, 237



Achromatopsia

235, 235, 235



Achromatomaly

227, 239, 236

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 246, 237 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(213, 246, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 246, 237) }
```

Border

The CSS property to change the border of an element to RGB 213, 246, 237 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, 237) }
```

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

```
.border{ border-color:rgb(213, 246, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 246, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 246, 237);  
box-shadow:4px 4px 4px 4px rgb(213, 246,  
237) }
```

Background

The CSS property to change the background color of an element to RGB 213, 246, 237 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, 237) }
```

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

```
.background{ background-color: rgb(213,  
246, 237) }
```

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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