

Converting Colors

RGB(204, 242, 236)

Have a look what the booklet for
RGB(204, 242, 236) contains.

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Color

RGB(204, 242, 236)

Conversions

Conversions Part 1

Format	Color
Hex	CCF2EC
RGB	204, 242, 236
RGB Percent	80%, 95%, 93%
CMY	0.2000, 0.0510, 0.0745
CMYK	0.16, 0.00, 0.02, 0.05
HSL	171°, 59%, 87%
HSV	171°, 16%, 95%
XYZ	71.7943, 82.3978, 91.4773
YIQ	229.9540, -20.7220, -9.9220

Conversions

Conversions Part 2

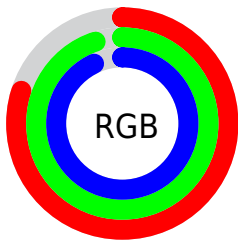
Format	Color
RYB	204, 225, 242
Decimal	13431532
CIELab	92.75, -13.39, -1.22
CIELCh	93, 13.447, 185.198
Yxy	82.3978, 0.2922, 0.3354
Android (android.graphics.Color)	4291621612 (0xFFCCCF2EC)
YUV	229.9540, 2.9807, -22.7617
Hunter-Lab	90.7732, -17.6740, 3.7914

Details

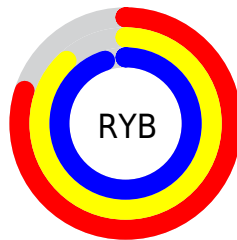
The RGB color **204, 242, 236** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **242, 204, 210**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **149, 186, 180** is the 20% darker color. If you saturate the color by 10%, you get **180, 242, 232**, and if you desaturate by 10%, it is **228, 242, 240**.

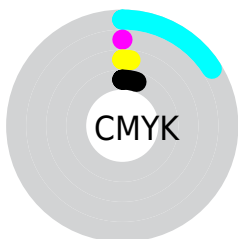
Distribution



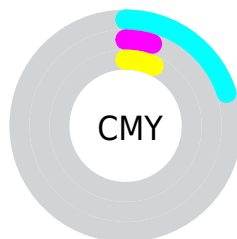
- Red (80%)
- Green (95%)
- Blue (93%)



- Red (80%)
- Yellow (88%)
- Blue (95%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (20%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 242, 236 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 204, 242, 236 by changing the saturation by 10% instead.

 204, 242, 236


255, 255, 255


 204, 242, 236

 176, 214, 208

 149, 186, 180

 123, 159, 153


 98, 133, 128

 73, 107, 103

 50, 83, 79

 27, 60, 56

 3, 38, 34

 0, 18, 12

 204, 242, 236

 204, 242, 236

 180, 242, 232

 228, 242, 240

 156, 242, 228

 252, 242, 244

 131, 242, 225

 255, 242, 247

 107, 242, 221

 255, 242, 251

 83, 242, 217

 255, 242, 255

 59, 242, 213

 35, 242, 209

 10, 242, 205

 0, 242, 204

Harmonies

Analogous

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



214, 241, 223



204, 242, 236



202, 241, 249

Triad

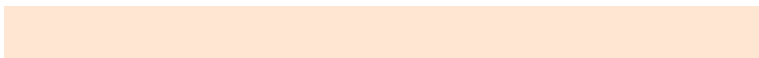
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



204, 242, 236



240, 230, 255



255, 230, 211

Complementary

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



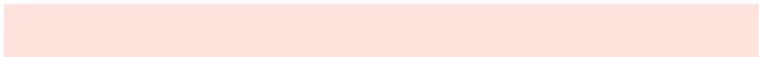
204, 242, 236



242, 204, 210

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, 227, 220



204, 242, 236



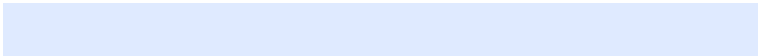
253, 227, 245

Square

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



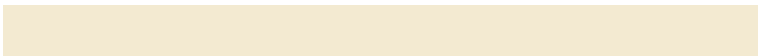
204, 242, 236



223, 234, 255



255, 225, 232



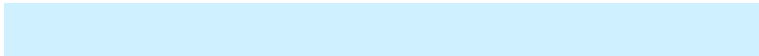
243, 234, 209

Rectangle

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



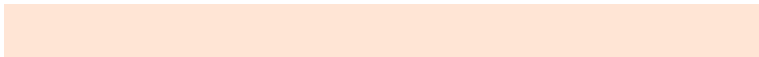
204, 242, 236



206, 240, 255



255, 225, 232



255, 229, 213

Sweetspot

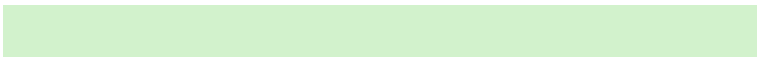
The Sweet Spot groups the original color and five complimentary colors.



204, 242, 236



242, 255, 253



210, 242, 204



120, 128, 126



0, 0, 0



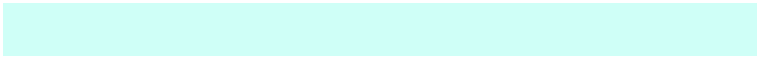
128, 128, 128

Same Dimension

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



204, 242, 236



207, 255, 247



204, 229, 242



108, 120, 118



0, 184, 155



0, 56, 47

Inverse Universe

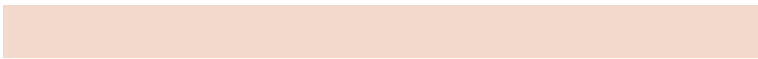
The Inverse Universe completely reimagines the original color for something new.



242, 204, 210



255, 207, 214



242, 217, 204



120, 108, 110



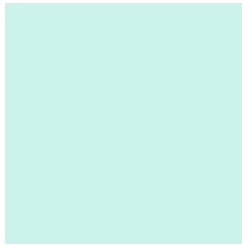
184, 0, 29



56, 0, 9

Previews

White Background



This preview shows how the RGB color 204, 242, 236 looks on a white background.

Color Contrast Check

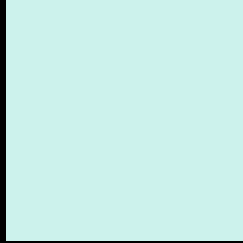
Large Text (above 18pt) WCAG AA × Fail

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 204, 242, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

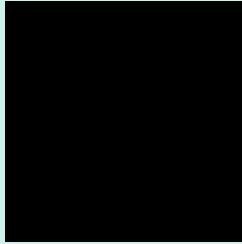
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

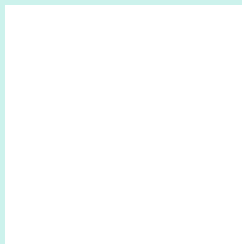
Any Text WCAG AAA ✓ Pass

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

RGB 204, 242, 236 Background



This preview shows how black text looks on a background with the RGB color 204, 242, 236.



This preview shows how white text looks on a background with the RGB color 204, 242, 236.

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





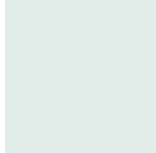
Tritanopia
211, 238, 255

Trichromacy



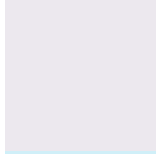
Original Color

204, 242, 236



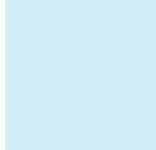
Protanomaly

226, 236, 233



Deuteranomaly

236, 232, 238



Tritanomaly

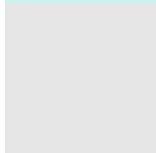
208, 239, 248

Monochromacy



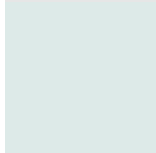
Original Color

204, 242, 236



Achromatopsia

230, 230, 230



Achromatomaly

221, 234, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 242, 236 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(204, 242, 236)` looks like.

```
.text, #text, p{  
    color:rgb(204, 242, 236)  
}
```

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(204, 242, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 242, 236) }
```

Border

The CSS property to change the border of an element to RGB 204, 242, 236 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(204, 242, 236) }
```

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

```
.border{ border-color:rgb(204, 242, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 242, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 242, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 242, 236);  
box-shadow:4px 4px 4px 4px rgb(204, 242,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 204, 242, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 242, 236) }
```

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

```
.background{ background-color: rgb(204,  
242, 236) }
```

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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