

Converting Colors

RGB(204, 233, 243)

Have a look what the booklet for
RGB(204, 233, 243) contains.

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Color

RGB(204, 233, 243)

Conversions

Conversions Part 1

Format	Color
Hex	CCE9F3
RGB	204, 233, 243
RGB Percent	80%, 91%, 95%
CMY	0.2000, 0.0863, 0.0471
CMYK	0.16, 0.04, 0.00, 0.05
HSL	195°, 62%, 88%
HSV	195°, 16%, 95%
XYZ	70.2184, 77.5863, 96.0688
YIQ	225.4690, -20.4940, -3.0380

Conversions

Conversions Part 2

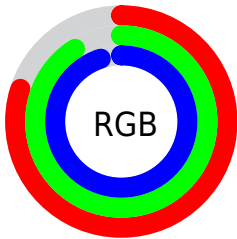
Format	Color
RYB	204, 221, 243
Decimal	13429235
CIELab	90.59, -7.44, -8.05
CIELCh	91, 10.960, 227.244
Yxy	77.5863, 0.2879, 0.3181
Android (android.graphics.Color)	4291619315 (0xFFCCE9F3)
YUV	225.4690, 8.6428, -18.8283
Hunter-Lab	88.0831, -11.8480, -3.0071

Details

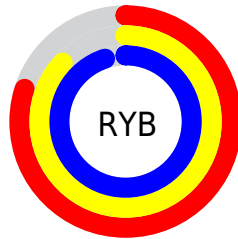
The RGB color **204, 233, 243** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **243, 214, 204**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is 255, 255, 255, and **149, 177, 187** is the 20% darker color. If you saturate the color by 10%, you get **180, 227, 243**, and if you desaturate by 10%, it is **228, 239, 243**.

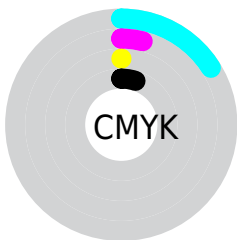
Distribution



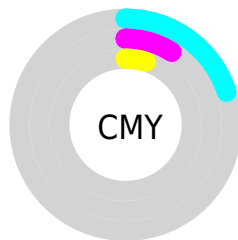
- Red (80%)
- Green (91%)
- Blue (95%)



- Red (80%)
- Yellow (87%)
- Blue (95%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (20%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 204, 233, 243 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, 233, 243 by changing the saturation by 10% instead.

■ 204, 233, 243

255, 255, 255

■ 204, 233, 243

■ 176, 205, 215

■ 149, 177, 187

■ 123, 151, 160

■ 98, 125, 134

■ 73, 100, 108

■ 50, 76, 84

■ 27, 53, 61

■ 4, 32, 39

■ 0, 5, 19

 204, 233, 243


 204, 233, 243

 180, 227, 243

 228, 239, 243

 155, 221, 243

 253, 245, 243


 131, 214, 243


 255, 252, 243


 107, 208, 243

 255, 255, 243

 83, 202, 243

 58, 196, 243

 34, 189, 243

 10, 183, 243

 0, 181, 243

Harmonies

Analogous

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



202, 234, 234



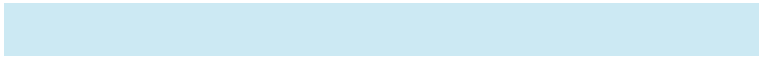
204, 233, 243



212, 230, 248

Triad

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



204, 233, 243



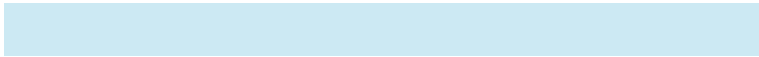
247, 221, 233



230, 229, 208

Complementary

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



204, 233, 243



243, 214, 204

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.



241, 226, 208



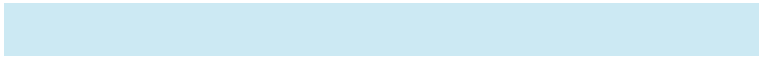
204, 233, 243



251, 221, 222

Square

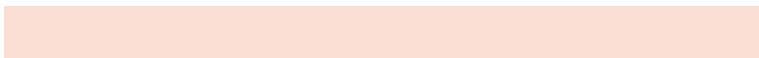
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



204, 233, 243



237, 224, 242



249, 223, 213



218, 232, 214

Rectangle

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



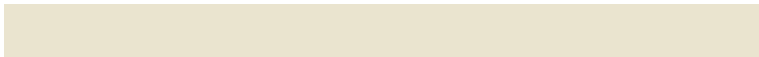
204, 233, 243



220, 228, 249



249, 223, 213



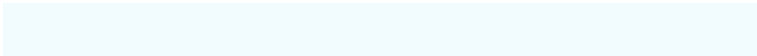
234, 228, 207

Sweetspot

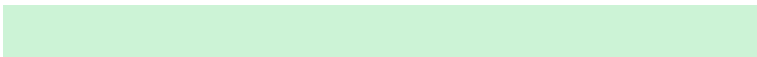
The Sweet Spot groups the original color and five complimentary colors.



204, 233, 243



242, 252, 255



204, 243, 214



120, 126, 128



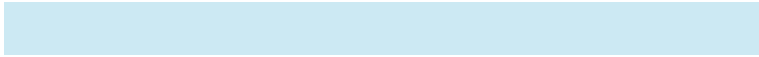
0, 0, 0



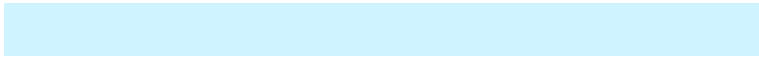
128, 128, 128

Same Dimension

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



204, 233, 243



207, 243, 255



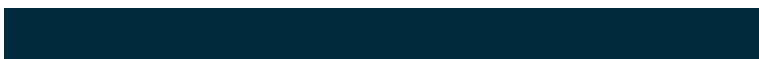
204, 214, 243



110, 119, 122



0, 138, 186



0, 44, 59

Inverse Universe

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



243, 204, 233



255, 207, 243



243, 233, 204



122, 110, 119



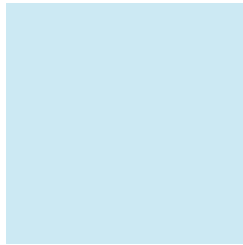
186, 0, 138



59, 0, 44

Previews

White Background



This preview shows how the RGB color 204, 233, 243 looks on a white background.

Color Contrast Check

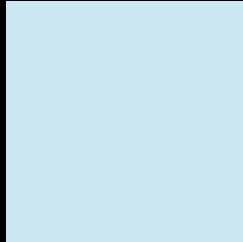
Large Text (above 18pt) WCAG AA × Fail

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, 233, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

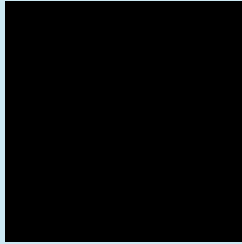
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

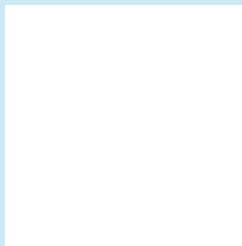
Any Text WCAG AAA ✓ Pass

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

RGB 204, 233, 243 Background



This preview shows how black text looks on a background with the RGB color 204, 233, 243.



This preview shows how white text looks on a background with the RGB color 204, 233, 243.

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
205, 232, 250

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 233, 243 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, 233, 243)` looks like.

```
.text, #text, p{  
    color:rgb(204, 233, 243)  
}
```

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, 233, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 233, 243) }
```

Border

The CSS property to change the border of an element to RGB 204, 233, 243 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, 233, 243) }
```

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

```
.border{ border-color:rgb(204, 233, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 233, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 233, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 233, 243);  
box-shadow:4px 4px 4px 4px rgb(204, 233,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 204, 233, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 233, 243) }
```

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

```
.background{ background-color: rgb(204,  
233, 243) }
```

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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