

Converting Colors

RGB(205, 239, 246)

Have a look what the booklet for
RGB(205, 239, 246) contains.

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Color

RGB(205, 239, 246)

Conversions

Conversions Part 1

Format	Color
Hex	CDEFF6
RGB	205, 239, 246
RGB Percent	80%, 94%, 96%
CMY	0.1961, 0.0627, 0.0353
CMYK	0.17, 0.03, 0.00, 0.04
HSL	190°, 69%, 88%
HSV	190°, 17%, 96%
XYZ	72.6779, 81.3660, 99.0634
YIQ	229.6320, -22.5110, -5.0310

Conversions

Conversions Part 2

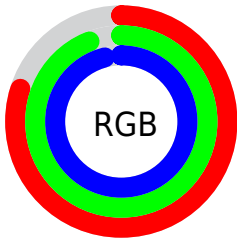
Format	Color
R _Y B	205, 224, 246
Decimal	13496310
CIE Lab	92.29, -9.57, -7.08
CIE LCh	92, 11.903, 216.517
Yxy	81.3660, 0.2871, 0.3215
Android (android.graphics.Color)	4291686390 (0xFFCDEFF6)
YUV	229.6320, 8.0694, -21.6023
Hunter-Lab	90.2031, -14.0354, -1.9717

Details

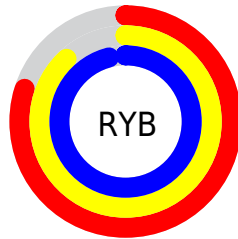
The RGB color **205, 239, 246** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **246, 212, 205**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **150, 183, 190** is the 20% darker color. If you saturate the color by 10%, you get **180, 235, 246**, and if you desaturate by 10%, it is **230, 243, 246**.

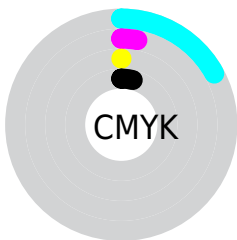
Distribution



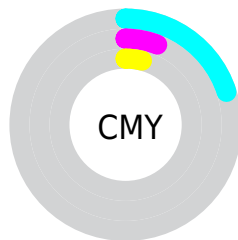
- Red (80%)
- Green (94%)
- Blue (96%)



- Red (80%)
- Yellow (88%)
- Blue (96%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 239, 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 205, 239, 246 by changing the saturation by 10% instead.

■ 205, 239, 246

255, 255, 255

■ 205, 239, 246

■ 177, 211, 218

■ 150, 183, 190

■ 124, 156, 163

■ 99, 130, 136

■ 74, 105, 111

■ 50, 81, 87

■ 27, 58, 63

■ 3, 36, 42

■ 0, 16, 21

 205, 239, 246

 205, 239, 246

 180, 235, 246

 230, 243, 246

 156, 231, 246

 254, 247, 246

 131, 226, 246

 255, 252, 246

 107, 222, 246

 255, 255, 246

 82, 218, 246

 57, 214, 246

 33, 210, 246

 8, 205, 246

 0, 204, 246

Harmonies

Analogous

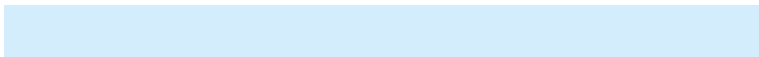
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



206, 240, 235



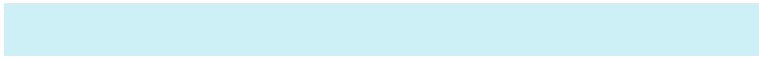
205, 239, 246



212, 237, 253

Triad

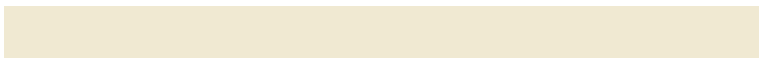
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



205, 239, 246



250, 226, 242



240, 233, 210

Complementary

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



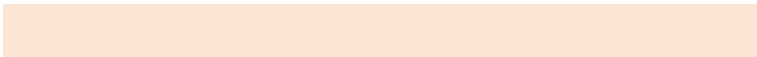
205, 239, 246



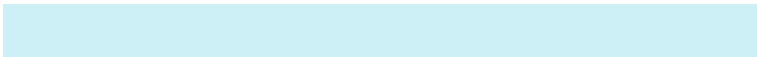
246, 212, 205

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.



251, 229, 212



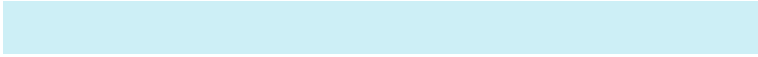
205, 239, 246



255, 225, 231

Square

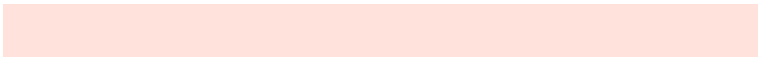
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



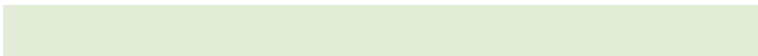
205, 239, 246



238, 229, 251



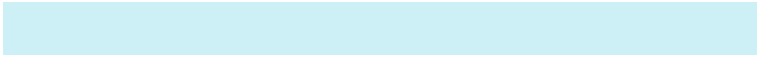
255, 226, 220



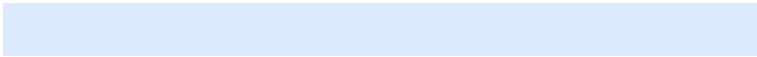
227, 236, 214

Rectangle

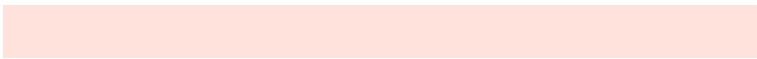
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



205, 239, 246



220, 234, 255



255, 226, 220



244, 232, 210

Sweetspot

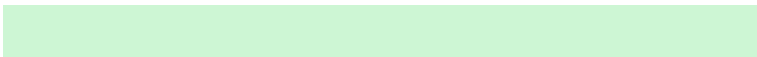
The Sweet Spot groups the original color and five complimentary colors.



205, 239, 246



242, 253, 255



205, 246, 212



120, 126, 128



0, 0, 0



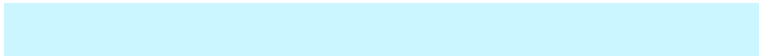
128, 128, 128

Same Dimension

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



205, 239, 246



204, 246, 255



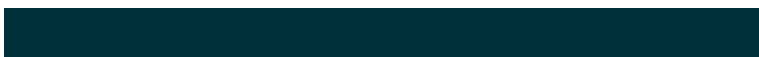
205, 219, 246



110, 120, 122



0, 154, 186



0, 49, 59

Inverse Universe

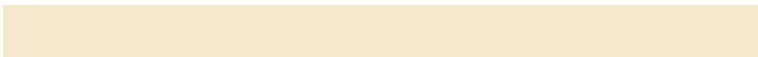
The Inverse Universe completely reimagines the original color for something new.



246, 205, 239



255, 204, 246



246, 232, 205



122, 110, 120



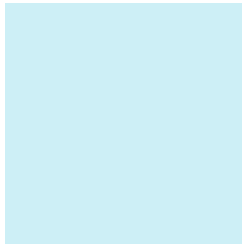
186, 0, 154



59, 0, 49

Previews

White Background



This preview shows how the RGB color 205, 239, 246 looks on a white background.

Color Contrast Check

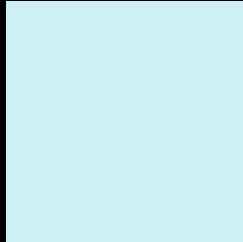
Large Text (above 18pt) WCAG AA × Fail

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 205, 239, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

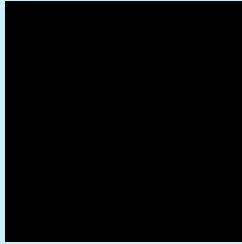
Any Text WCAG AA ✓ Pass

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 205, 239, 246 Background



This preview shows how black text looks on a background with the RGB color 205, 239, 246.

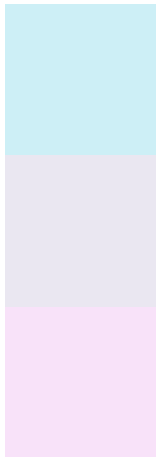


This preview shows how white text looks on a background with the RGB color 205, 239, 246.

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
205, 239, 246

Protanopia
234, 231, 241

Deuteranopia
248, 226, 249



Tritanopia
209, 237, 255

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 239, 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(205, 239, 246)` looks like.

```
.text, #text, p{  
    color:rgb(205, 239, 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(205, 239, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 239, 246) }
```

Border

The CSS property to change the border of an element to RGB 205, 239, 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(205, 239, 246) }
```

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

```
.border{ border-color:rgb(205, 239, 246) }
```

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

Here you see how a box with a 4 pixel rgb(205, 239, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 239, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 239, 246);  
box-shadow:4px 4px 4px 4px rgb(205, 239,  
246) }
```

Background

The CSS property to change the background color of an element to RGB 205, 239, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 239, 246) }
```

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

```
.background{ background-color: rgb(205,  
239, 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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