

Converting Colors

RGB(205, 254, 240)

Have a look what the booklet for
RGB(205, 254, 240) contains.

RGB(205, 254, 240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(205, 254, 240)

Conversions

Conversions Part 1

Format	Color
Hex	CDFEF0
RGB	205, 254, 240
RGB Percent	80%, 100%, 94%
CMY	0.1961, 0.0039, 0.0588
CMYK	0.19, 0.00, 0.06, 0.00
HSL	163°, 96%, 90%
HSV	163°, 19%, 100%
XYZ	76.3468, 90.1540, 95.8156
YIQ	237.7530, -24.7100, -14.7420

Conversions

Conversions Part 2

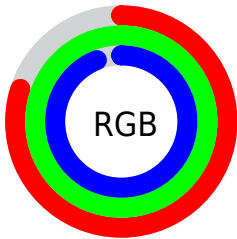
Format	Color
RYP	205, 234, 254
Decimal	13500144
CIELab	96.06, -18.23, 1.55
CIElCh	96, 18.299, 175.134
Yxy	90.1540, 0.2910, 0.3437
Android (android.graphics.Color)	4291690224 (0xFFCDFEF0)
YUV	237.7530, 1.1078, -28.7244
Hunter-Lab	94.9495, -22.6336, 6.6338

Details

The RGB color **205, 254, 240** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **254, 205, 219**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **255, 255, 255**, and **150, 197, 184** is the 20% darker color. If you saturate the color by 10%, you get **180, 254, 233**, and if you desaturate by 10%, it is **230, 254, 247**.

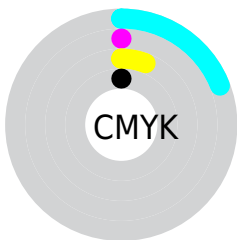
Distribution



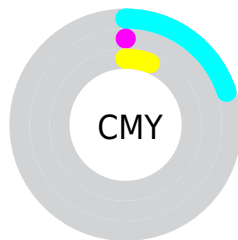
- Red (80%)
- Green (100%)
- Blue (94%)



- Red (80%)
- Yellow (92%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 254, 240 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, 254, 240 by changing the saturation by 10% instead.

■ 205, 254, 240

255, 255, 255

■ 205, 254, 240

■ 177, 225, 212

■ 150, 197, 184

■ 124, 170, 157

■ 98, 143, 131

■ 73, 118, 106

■ 49, 93, 82

■ 24, 69, 59

■ 0, 46, 37

■ 0, 27, 16

■ 205, 254, 240

■ 205, 254, 240

■ 180, 254, 233

■ 230, 254, 247

■ 154, 254, 225

255, 254, 255

■ 129, 254, 218

255, 254, 255

■ 103, 254, 211

■ 78, 254, 204

■ 53, 254, 196

■ 27, 254, 189

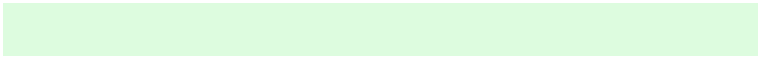
■ 2, 254, 182

■ 0, 254, 181

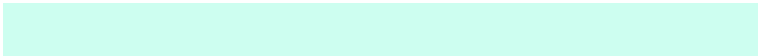
Harmonies

Analogous

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



221, 252, 223



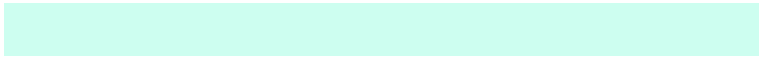
205, 254, 240



198, 254, 255

Triad

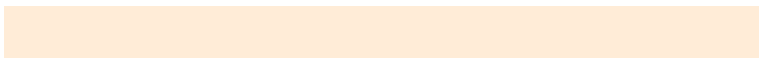
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



205, 254, 240



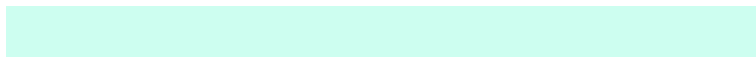
244, 240, 255



255, 236, 215

Complementary

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



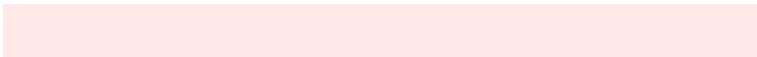
205, 254, 240



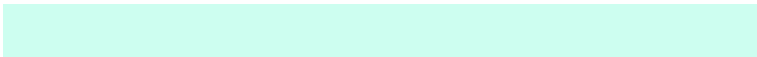
254, 205, 219

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, 232, 229



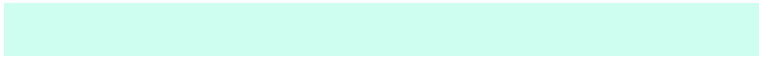
205, 254, 240



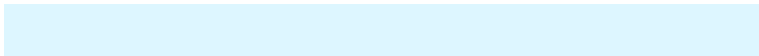
255, 235, 255

Square

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



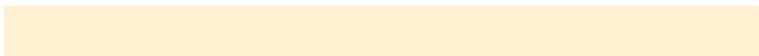
205, 254, 240



221, 246, 255



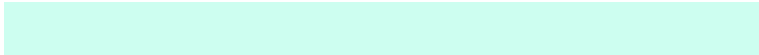
255, 232, 247



255, 241, 209

Rectangle

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



205, 254, 240



200, 252, 255



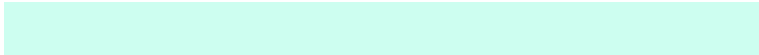
255, 232, 247



255, 234, 219

Sweetspot

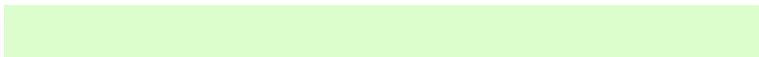
The Sweet Spot groups the original color and five complimentary colors.



205, 254, 240



240, 255, 251



220, 254, 205



119, 128, 125



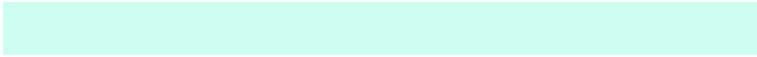
0, 0, 0



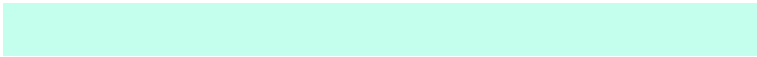
128, 128, 128

Same Dimension

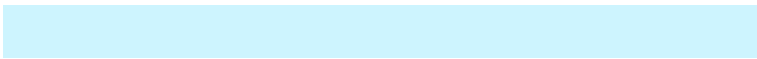
The Same Dimension uses a secret algorithm to generate beautiful new colors.



205, 254, 240



196, 255, 238



205, 244, 254



115, 128, 124



0, 191, 137



0, 64, 46

Inverse Universe

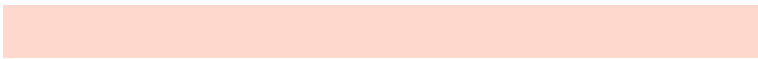
The Inverse Universe completely reimagines the original color for something new.



254, 205, 219



255, 196, 213



254, 215, 205



128, 115, 118



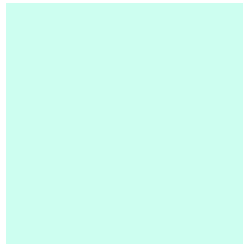
191, 0, 55



64, 0, 18

Previews

White Background



This preview shows how the RGB color 205, 254, 240 looks on a white background.

Color Contrast Check

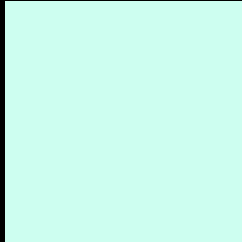
Large Text (above 18pt) WCAG AA × Fail

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, 254, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

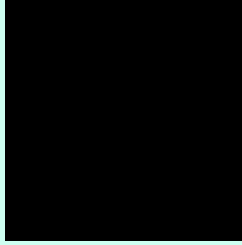
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

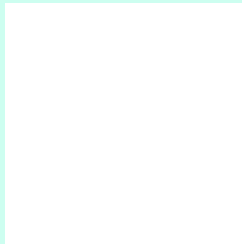
Any Text WCAG AAA ✓ Pass

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

RGB 205, 254, 240 Background



This preview shows how black text looks on a background with the RGB color 205, 254, 240.

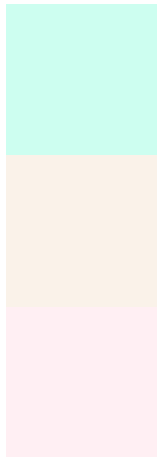


This preview shows how white text looks on a background with the RGB color 205, 254, 240.

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, 254, 240

Protanopia
250, 242, 233

Deuteranopia
255, 239, 243



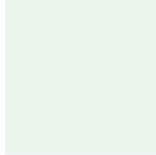
Tritanopia
230, 246, 255

Trichromacy



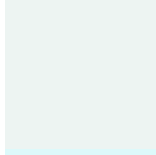
Original Color

205, 254, 240



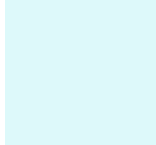
Protanomaly

234, 246, 236



Deuteranomaly

237, 244, 242



Tritanomaly

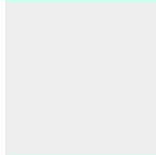
221, 249, 250

Monochromacy



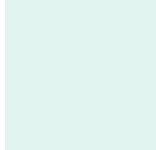
Original Color

205, 254, 240



Achromatopsia

238, 238, 238



Achromatomaly

226, 244, 239

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 254, 240 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, 254, 240)` looks like.

```
.text, #text, p{  
    color:rgb(205, 254, 240)  
}
```

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, 254, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 254, 240) }
```

Border

The CSS property to change the border of an element to RGB 205, 254, 240 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, 254, 240) }
```

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

```
.border{ border-color:rgb(205, 254, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 254, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 254, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 254, 240);  
box-shadow:4px 4px 4px 4px rgb(205, 254,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 205, 254, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 254, 240) }
```

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

```
.background{ background-color: rgb(205,  
254, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor