

Converting Colors

RGB(205, 240, 222)

Have a look what the booklet for
RGB(205, 240, 222) contains.

RGB(205, 240, 222)	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, 240, 222)

Conversions

Conversions Part 1

Format	Color
Hex	CDF0DE
RGB	205, 240, 222
RGB Percent	80%, 94%, 87%
CMY	0.1961, 0.0588, 0.1294
CMYK	0.15, 0.00, 0.07, 0.06
HSL	149°, 54%, 87%
HSV	149°, 15%, 94%
XYZ	69.5217, 80.5732, 80.9952
YIQ	227.4830, -15.0820, -13.0180

Conversions

Conversions Part 2

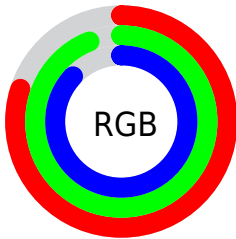
Format	Color
R_{YB}	205, 229, 240
Decimal	13496542
CIE Lab	91.94, -14.76, 4.89
CIE LCh	92, 15.551, 161.673
Yxy	80.5732, 0.3008, 0.3487
Android (android.graphics.Color)	4291686622 (0xFFCDF0DE)
YUV	227.4830, -2.7031, -19.7176
Hunter-Lab	89.7626, -18.8351, 9.3348

Details

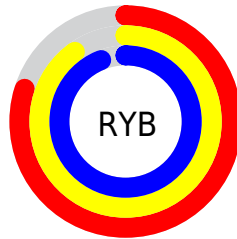
The RGB color **205, 240, 222** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **240, 205, 223**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 255, 255, 255, and **150, 184, 167** is the 20% darker color. If you saturate the color by 10%, you get **181, 240, 210**, and if you desaturate by 10%, it is **229, 240, 234**.

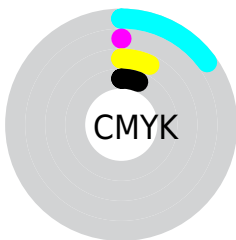
Distribution



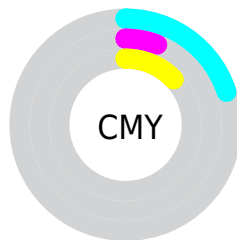
- Red (80%)
- Green (94%)
- Blue (87%)



- Red (80%)
- Yellow (90%)
- Blue (94%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (6%)



- Cyan (20%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 240, 222 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, 240, 222 by changing the saturation by 10% instead.

■ 205, 240, 222

255, 255, 255

■ 205, 240, 222

■ 177, 212, 194

■ 150, 184, 167

■ 124, 157, 141

■ 99, 131, 115

■ 75, 106, 91

■ 51, 81, 67


■ 29, 58, 45

■ 7, 36, 24

■ 0, 13, 0

 205, 240, 222

 205, 240, 222

 181, 240, 210

 229, 240, 234

 157, 240, 197

 253, 240, 247

 133, 240, 185

 255, 240, 255

 109, 240, 173

 85, 240, 160

 61, 240, 148

 37, 240, 136

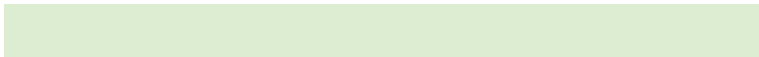
 13, 240, 123

 0, 240, 117

Harmonies

Analogous

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



221, 237, 209



205, 240, 222



195, 241, 237

Triad

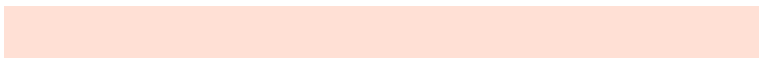
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



205, 240, 222



223, 231, 255



255, 224, 213

Complementary

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



205, 240, 222



240, 205, 223

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, 222, 226



205, 240, 222



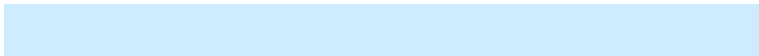
242, 226, 254

Square

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



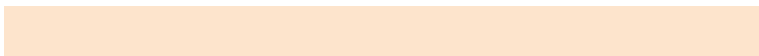
205, 240, 222



206, 236, 255



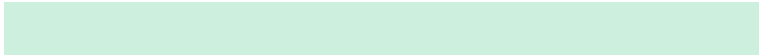
255, 223, 242



253, 228, 204

Rectangle

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



205, 240, 222



194, 240, 247



255, 223, 242



255, 223, 217

Sweetspot

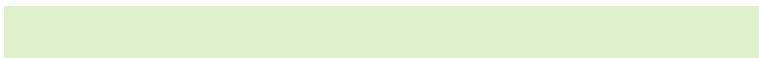
The Sweet Spot groups the original color and five complimentary colors.



205, 240, 222



245, 255, 250



223, 240, 205



121, 128, 124



0, 0, 0



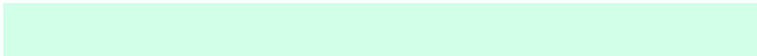
128, 128, 128

Same Dimension

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



205, 240, 222



209, 255, 231



205, 240, 239



108, 120, 114



0, 184, 89



0, 56, 27

Inverse Universe

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



240, 205, 223



255, 209, 233



240, 205, 206



120, 108, 114



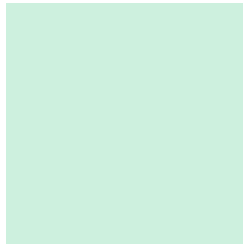
184, 0, 94



56, 0, 29

Previews

White Background



This preview shows how the RGB color 205, 240, 222 looks on a white background.

Color Contrast Check

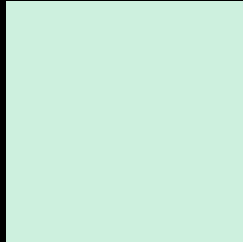
Large Text (above 18pt) WCAG AA × Fail

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, 240, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

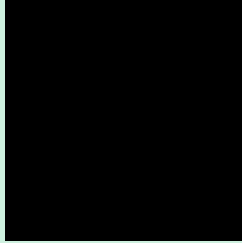
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

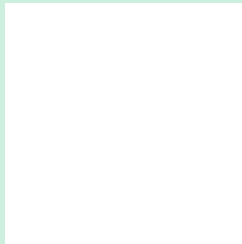
Any Text WCAG AAA ✓ Pass

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

RGB 205, 240, 222 Background



This preview shows how black text looks on a background with the RGB color 205, 240, 222.



This preview shows how white text looks on a background with the RGB color 205, 240, 222.

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





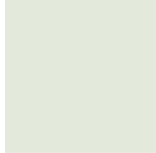
Tritanopia
211, 235, 254

Trichromacy



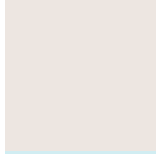
Original Color

205, 240, 222



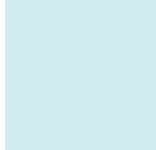
Protanomaly

227, 234, 219



Deuteranomaly

237, 230, 225



Tritanomaly

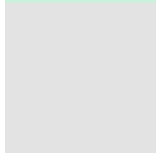
209, 237, 242

Monochromacy



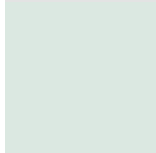
Original Color

205, 240, 222



Achromatopsia

227, 227, 227



Achromatomaly

219, 232, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 240, 222 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, 240, 222)` looks like.

```
.text, #text, p{  
    color:rgb(205, 240, 222)  
}
```

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, 240, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 240, 222) }
```

Border

The CSS property to change the border of an element to RGB 205, 240, 222 is called "border". The border property can be set on classes, ids or directly on the HTML element.

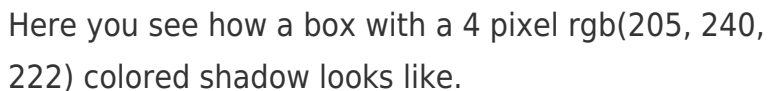
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 240, 222) }
```

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

```
.border{ border-color:rgb(205, 240, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 240, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 240, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 240, 222);  
box-shadow:4px 4px 4px 4px rgb(205, 240,  
222) }
```

Background

The CSS property to change the background color of an element to RGB 205, 240, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 240, 222) }
```

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

```
.background{ background-color: rgb(205,  
240, 222) }
```

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