

Converting Colors

RGB(205, 255, 226)

Have a look what the booklet for
RGB(205, 255, 226) contains.

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Color

RGB(205, 255, 226)

Conversions

Conversions Part 1

Format	Color
Hex	CDFFE2
RGB	205, 255, 226
RGB Percent	80%, 100%, 89%
CMY	0.1961, 0.0000, 0.1137
CMYK	0.20, 0.00, 0.11, 0.00
HSL	145°, 100%, 90%
HSV	145°, 20%, 100%
XYZ	74.6643, 89.9901, 85.3861
YIQ	236.7440, -20.4910, -19.6190

Conversions

Conversions Part 2

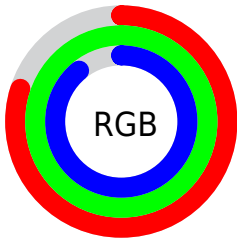
Format	Color
R _Y B	205, 240, 255
Decimal	13500386
CIE Lab	95.99, -21.38, 8.66
CIE LCh	96, 23.066, 157.954
Yxy	89.9901, 0.2986, 0.3599
Android (android.graphics.Color)	4291690466 (0xFFCDDFE2)
YUV	236.7440, -5.2968, -27.8395
Hunter-Lab	94.8631, -25.5177, 13.0374

Details

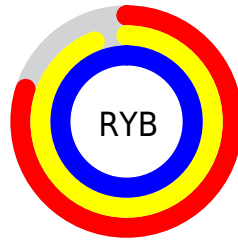
The RGB color **205, 255, 226** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **255, 205, 234**, and the grayscale version is **237, 237, 237**.

A 20% lighter version of the original color is **255, 255, 255**, and **150, 198, 171** is the 20% darker color. If you saturate the color by 10%, you get **179, 255, 211**, and if you desaturate by 10%, it is **231, 255, 241**.

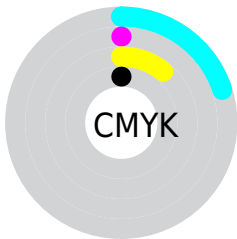
Distribution



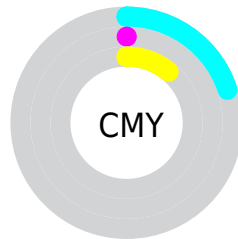
- Red (80%)
- Green (100%)
- Blue (89%)



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



- Cyan (20%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 255, 226 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, 255, 226 by changing the saturation by 10% instead.

■ 205, 255, 226

255, 255, 255

■ 205, 255, 226

■ 177, 226, 198

■ 150, 198, 171

■ 124, 171, 144

■ 98, 144, 119

■ 73, 118, 94

■ 49, 93, 70

■ 25, 70, 48

■ 0, 47, 27

■ 0, 28, 0

■ 205, 255, 226

■ 205, 255, 226

■ 179, 255, 211

■ 231, 255, 241

■ 154, 255, 196

255, 255, 255

■ 129, 255, 182

■ 103, 255, 167

■ 78, 255, 152

■ 52, 255, 137

■ 26, 255, 122

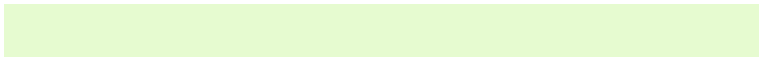
■ 1, 255, 108

■ 0, 255, 107

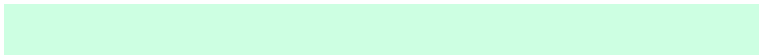
Harmonies

Analogous

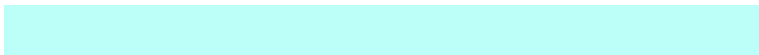
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230, 251, 208



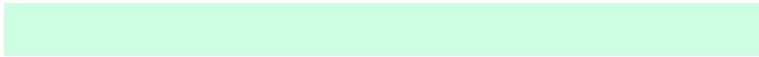
205, 255, 226



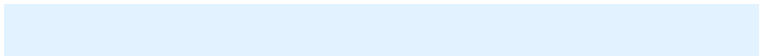
188, 255, 249

Triad

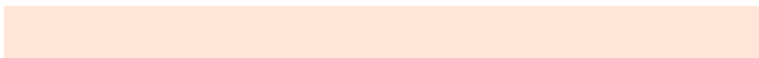
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



205, 255, 226



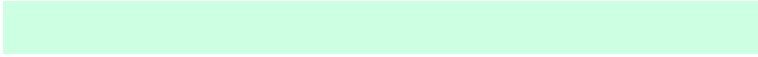
226, 243, 255



255, 230, 217

Complementary

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



205, 255, 226



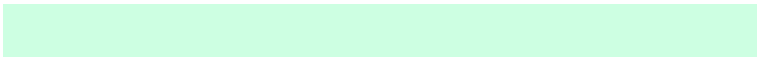
255, 205, 234

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, 228, 238



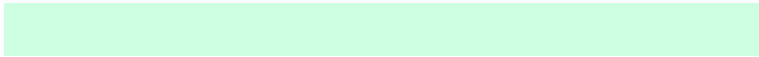
205, 255, 226



255, 236, 255

Square

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



205, 255, 226



199, 250, 255



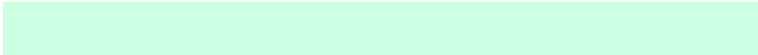
255, 230, 255



255, 236, 203

Rectangle

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



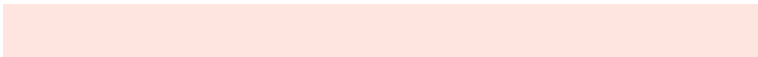
205, 255, 226



184, 255, 255



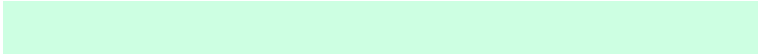
255, 230, 255



255, 229, 223

Sweetspot

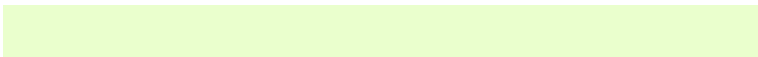
The Sweet Spot groups the original color and five complimentary colors.



205, 255, 226



240, 255, 246



234, 255, 205



119, 128, 122



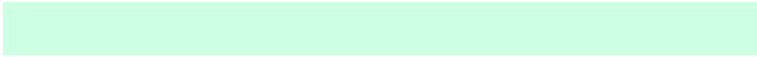
0, 0, 0



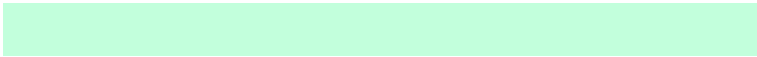
128, 128, 128

Same Dimension

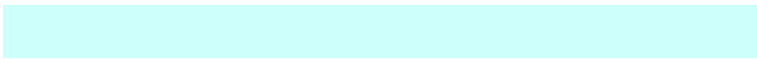
The Same Dimension uses a secret algorithm to generate beautiful new colors.



205, 255, 226



194, 255, 220



205, 255, 251



115, 128, 120



0, 191, 80



0, 64, 27

Inverse Universe

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



255, 205, 234



255, 194, 229



255, 205, 209



128, 115, 122



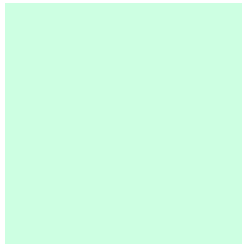
191, 0, 111



64, 0, 37

Previews

White Background



This preview shows how the RGB color 205, 255, 226 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, 255, 226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

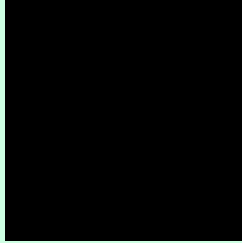
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

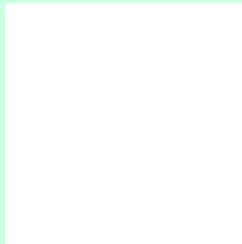
Any Text WCAG AAA ✓ Pass

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

RGB 205, 255, 226 Background



This preview shows how black text looks on a background with the RGB color 205, 255, 226.

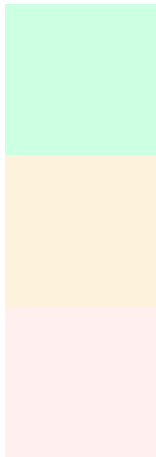


This preview shows how white text looks on a background with the RGB color 205, 255, 226.

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, 255, 226

Protanopia
253, 242, 219

Deuteranopia
255, 239, 238



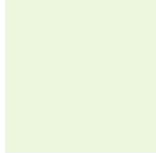
Tritanopia
230, 246, 255

Trichromacy



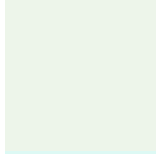
Original Color

205, 255, 226



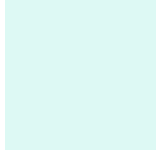
Protanomaly

236, 247, 222



Deuteranomaly

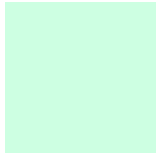
237, 245, 234



Tritanomaly

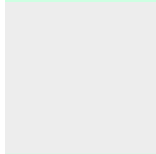
221, 249, 244

Monochromacy



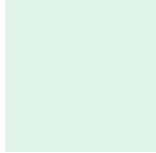
Original Color

205, 255, 226



Achromatopsia

237, 237, 237



Achromatomaly

225, 244, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 255, 226 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, 255, 226)` looks like.

```
.text, #text, p{  
    color:rgb(205, 255, 226)  
}
```

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, 255, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 255, 226) }
```

Border

The CSS property to change the border of an element to RGB 205, 255, 226 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, 255, 226) }
```

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

```
.border{ border-color:rgb(205, 255, 226) }
```

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

Here you see how a box with a 4 pixel rgb(205, 255, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 255, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 255, 226);  
box-shadow:4px 4px 4px 4px rgb(205, 255,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 205, 255, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 255, 226) }
```

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

```
.background{ background-color: rgb(205,  
255, 226) }
```

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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