

Converting Colors

RGB(218, 255, 220)

Have a look what the booklet for
RGB(218, 255, 220) contains.

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Color

RGB(218, 255, 220)

Conversions

Conversions Part 1

Format	Color
Hex	DAFFDC
RGB	218, 255, 220
RGB Percent	85%, 100%, 86%
CMY	0.1451, 0.0000, 0.1373
CMYK	0.15, 0.00, 0.14, 0.00
HSL	123°, 100%, 93%
HSV	123°, 15%, 100%
XYZ	77.5917, 91.5927, 81.2998
YIQ	239.9470, -10.8170, -18.7290

Conversions

Conversions Part 2

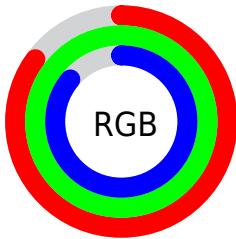
Format	Color
R_{YB}	218, 253, 255
Decimal	14352348
CIE _{Lab}	96.65, -18.28, 12.79
CIE _{LCh}	97, 22.305, 145.020
Yxy	91.5927, 0.3098, 0.3657
Android (android.graphics.Color)	4292542428 (0xFFDAFFDC)
YUV	239.9470, -9.8339, -19.2475
Hunter-Lab	95.7041, -22.7640, 16.6265

Details

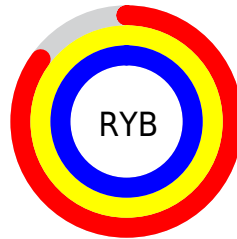
The RGB color **218, 255, 220** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **255, 218, 253**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is **255, 255, 255**, and **163, 198, 165** is the 20% darker color. If you saturate the color by 10%, you get **193, 255, 196**, and if you desaturate by 10%, it is **243, 255, 244**.

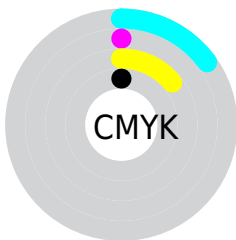
Distribution



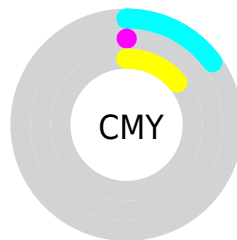
- Red (85%)
- Green (100%)
- Blue (86%)



- Red (85%)
- Yellow (99%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 218, 255, 220 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 218, 255, 220 by changing the saturation by 10% instead.

 218, 255, 220

255, 255, 255

 218, 255, 220

 190, 226, 192

 163, 198, 165

 136, 171, 139

 111, 144, 113

 86, 119, 89

 62, 94, 65

 39, 70, 43

 16, 47, 22

 0, 28, 0

■ 218, 255, 220

■ 218, 255, 220

■ 193, 255, 196

■ 243, 255, 244

■ 167, 255, 172

255, 255, 255

■ 142, 255, 148

■ 116, 255, 124

■ 90, 255, 99

■ 65, 255, 75

■ 39, 255, 51

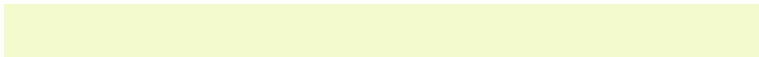
■ 14, 255, 27

■ 0, 255, 14

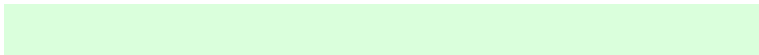
Harmonies

Analogous

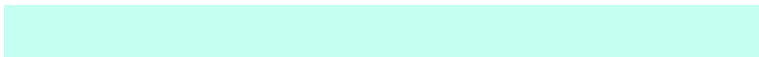
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243, 250, 206



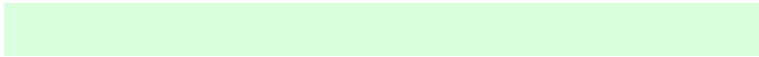
218, 255, 220



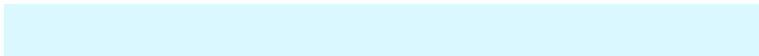
197, 255, 241

Triad

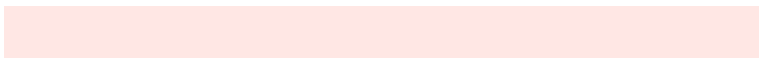
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218, 255, 220



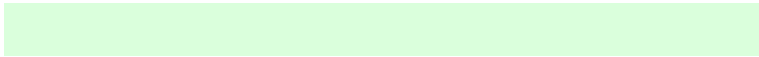
217, 248, 255



255, 231, 228

Complementary

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



218, 255, 220



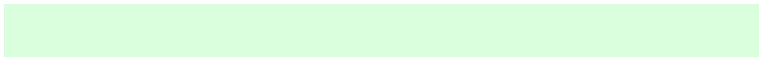
255, 218, 253

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, 231, 250



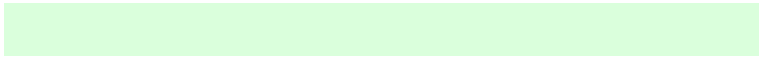
218, 255, 220



245, 241, 255

Square

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



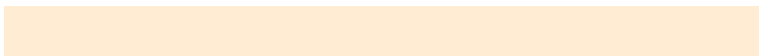
218, 255, 220



195, 254, 255



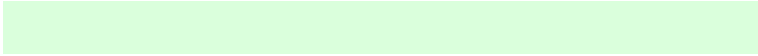
255, 234, 255



255, 236, 211

Rectangle

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



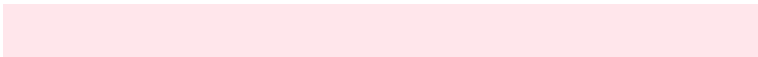
218, 255, 220



189, 255, 255



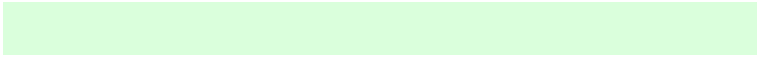
255, 234, 255



255, 230, 235

Sweetspot

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



218, 255, 220



245, 255, 245



253, 255, 218



121, 128, 121



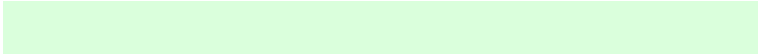
0, 0, 0



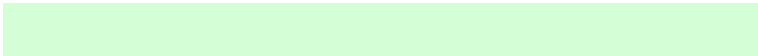
128, 128, 128

Same Dimension

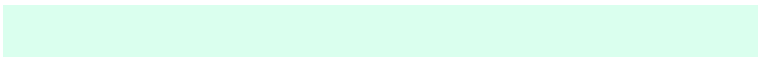
The Same Dimension uses a secret algorithm to generate beautiful new colors.



218, 255, 220



212, 255, 214



218, 255, 238



115, 128, 115



0, 191, 10



0, 64, 3

Inverse Universe

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



255, 218, 253



255, 212, 253



255, 218, 235



128, 115, 127



191, 0, 181



64, 0, 60

Previews

White Background



This preview shows how the RGB color 218, 255, 220 looks on a white background.

Color Contrast Check

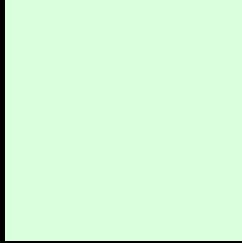
Large Text (above 18pt) WCAG AA × Fail

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 218, 255, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

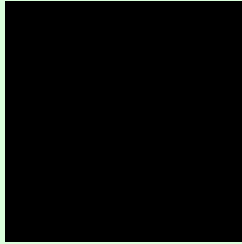
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

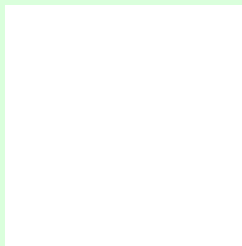
Any Text WCAG AAA ✓ Pass

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

RGB 218, 255, 220 Background



This preview shows how black text looks on a background with the RGB color 218, 255, 220.

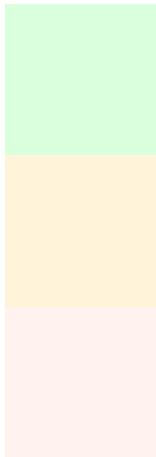


This preview shows how white text looks on a background with the RGB color 218, 255, 220.

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
218, 255, 220

Protanopia
255, 244, 218

Deuteranopia
255, 242, 239



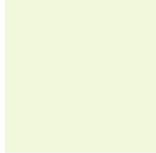
Tritanopia
237, 246, 255

Trichromacy



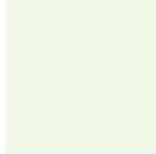
Original Color

218, 255, 220



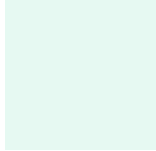
Protanomaly

242, 248, 219



Deuteranomaly

242, 247, 232



Tritanomaly

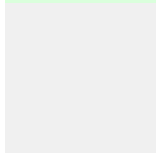
230, 249, 242

Monochromacy



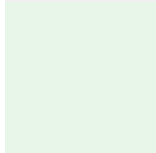
Original Color

218, 255, 220



Achromatopsia

240, 240, 240



Achromatomaly

232, 245, 233

CSS Examples

Text

The CSS property to change the color of the text to RGB 218, 255, 220 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(218, 255, 220)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 220)  
}
```

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(218, 255, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 220) }
```

Border

The CSS property to change the border of an element to RGB 218, 255, 220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

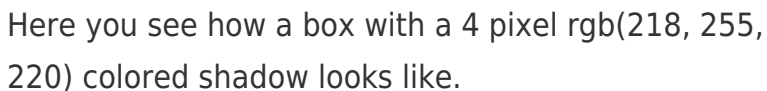
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 255, 220) }
```

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

```
.border{ border-color:rgb(218, 255, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 255, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 255, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 255, 220);  
box-shadow:4px 4px 4px 4px rgb(218, 255,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 218, 255, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 220) }
```

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

```
.background{ background-color: rgb(218,  
255, 220) }
```

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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