

Converting Colors

RGB(212, 255, 242)

Have a look what the booklet for
RGB(212, 255, 242) contains.

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Color

RGB(212, 255, 242)

Conversions

Conversions Part 1

Format	Color
Hex	D4FFF2
RGB	212, 255, 242
RGB Percent	83%, 100%, 95%
CMY	0.1686, 0.0000, 0.0510
CMYK	0.17, 0.00, 0.05, 0.00
HSL	162°, 100%, 92%
HSV	162°, 17%, 100%
XYZ	78.9384, 91.9279, 97.5878
YIQ	240.6610, -21.4550, -13.1590

Conversions

Conversions Part 2

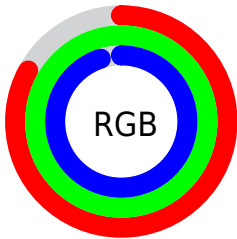
Format	Color
RYB	212, 237, 255
Decimal	13959154
CIELab	96.79, -16.18, 1.64
CIELCh	97, 16.262, 174.224
Yxy	91.9279, 0.2940, 0.3424
Android (android.graphics.Color)	4292149234 (0xFFD4FFF2)
YUV	240.6610, 0.6601, -25.1357
Hunter-Lab	95.8790, -20.8270, 6.7687

Details

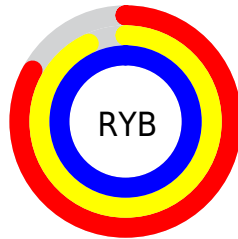
The RGB color **212, 255, 242** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **255, 212, 225**, and the grayscale version is **241, 241, 241**.

A 20% lighter version of the original color is 255, 255, 255, and **157, 198, 186** is the 20% darker color. If you saturate the color by 10%, you get **187, 255, 234**, and if you desaturate by 10%, it is 238, 255, 250.

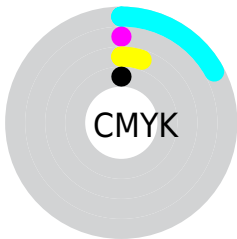
Distribution



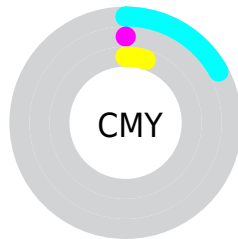
- Red (83%)
- Green (100%)
- Blue (95%)



- Red (83%)
- Yellow (93%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 255, 242 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 212, 255, 242 by changing the saturation by 10% instead.

212, 255, 242

255, 255, 255

212, 255, 242

184, 226, 214

157, 198, 186

130, 171, 159

105, 144, 133

80, 119, 108

56, 94, 83

32, 70, 60

8, 47, 39

0, 28, 18

■ 212, 255, 242

■ 212, 255, 242

■ 187, 255, 234

■ 238, 255, 250

■ 161, 255, 227

255, 255, 255

■ 136, 255, 219

■ 110, 255, 211

■ 85, 255, 203

■ 59, 255, 196

■ 33, 255, 188

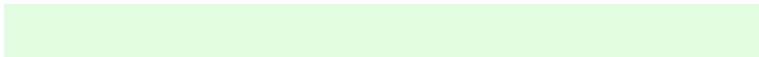
■ 8, 255, 180

■ 0, 255, 178

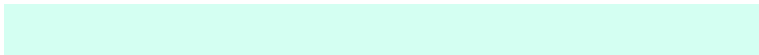
Harmonies

Analogous

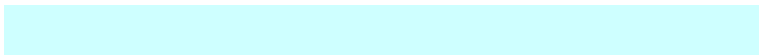
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227, 253, 227



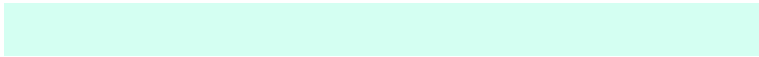
212, 255, 242



206, 255, 255

Triad

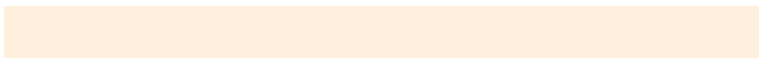
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



212, 255, 242



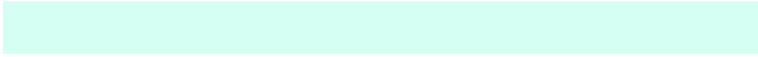
245, 243, 255



255, 239, 221

Complementary

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



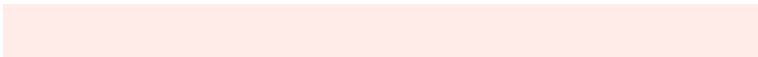
212, 255, 242



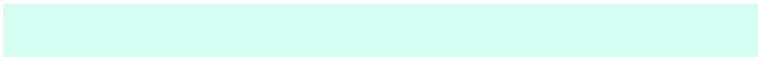
255, 212, 225

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, 236, 233



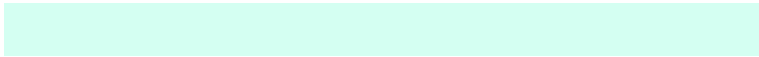
212, 255, 242



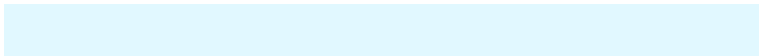
255, 238, 255

Square

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



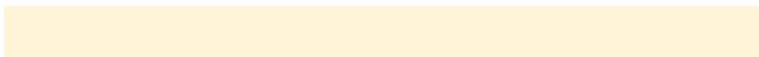
212, 255, 242



225, 248, 255



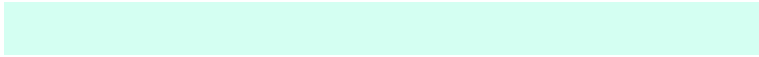
255, 235, 249



255, 244, 215

Rectangle

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



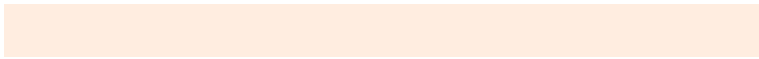
212, 255, 242



208, 253, 255



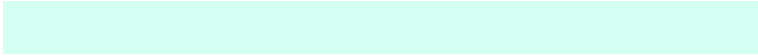
255, 235, 249



255, 237, 224

Sweetspot

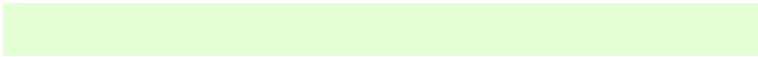
The Sweet Spot groups the original color and five complimentary colors.



212, 255, 242



242, 255, 251



226, 255, 212



120, 128, 125



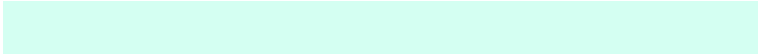
0, 0, 0



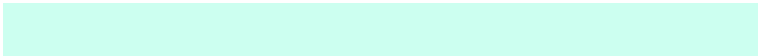
128, 128, 128

Same Dimension

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



212, 255, 242



204, 255, 240



212, 247, 255



115, 128, 124



0, 191, 133



0, 64, 44

Inverse Universe

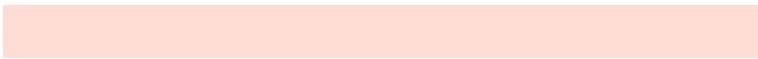
The Inverse Universe completely reimagines the original color for something new.



255, 212, 225



255, 204, 219



255, 220, 212



128, 115, 119



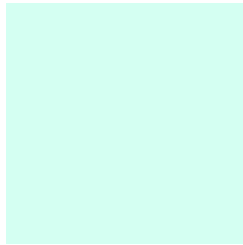
191, 0, 58



64, 0, 19

Previews

White Background



This preview shows how the RGB color 212, 255, 242 looks on a white background.

Color Contrast Check

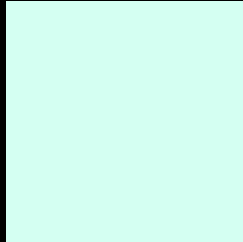
Large Text (above 18pt) WCAG AA × Fail

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 212, 255, 242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

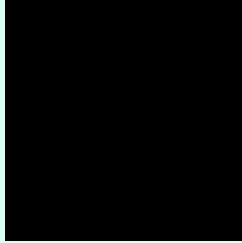
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

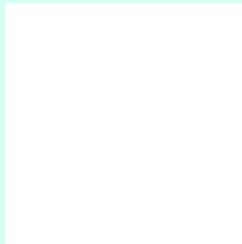
Any Text WCAG AAA ✓ Pass

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

RGB 212, 255, 242 Background



This preview shows how black text looks on a background with the RGB color 212, 255, 242.

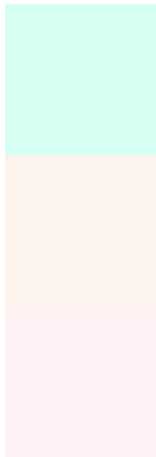


This preview shows how white text looks on a background with the RGB color 212, 255, 242.

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
212, 255, 242

Protanopia
252, 244, 236

Deuteranopia
255, 242, 245



Tritanopia

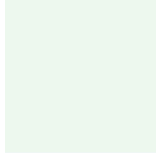
235, 247, 255

Trichromacy



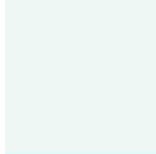
Original Color

212, 255, 242



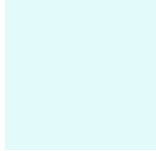
Protanomaly

237, 248, 238



Deuteranomaly

239, 247, 244



Tritanomaly

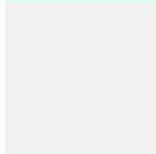
227, 250, 250

Monochromacy



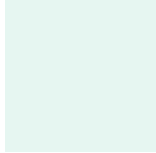
Original Color

212, 255, 242



Achromatopsia

241, 241, 241



Achromatomaly

230, 246, 241

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 255, 242 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(212, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 242)  
}
```

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(212, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 242) }
```

Border

The CSS property to change the border of an element to RGB 212, 255, 242 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(212, 255, 242) }
```

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

```
.border{ border-color:rgb(212, 255, 242) }
```

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

Here you see how a box with a 4 pixel rgb(212, 255, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
242) }
```

Background

The CSS property to change the background color of an element to RGB 212, 255, 242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 242) }
```

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

```
.background{ background-color: rgb(212,  
255, 242) }
```

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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