

Converting Colors

RGB(212, 255, 240)

Have a look what the booklet for
RGB(212, 255, 240) contains.

RGB(212, 255, 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(212, 255, 240)

Conversions

Conversions Part 1

Format	Color
Hex	D4FFF0
RGB	212, 255, 240
RGB Percent	83%, 100%, 94%
CMY	0.1686, 0.0000, 0.0588
CMYK	0.17, 0.00, 0.06, 0.00
HSL	159°, 100%, 92%
HSV	159°, 17%, 100%
XYZ	78.6396, 91.8083, 96.0141
YIQ	240.4330, -20.8130, -13.7810

Conversions

Conversions Part 2

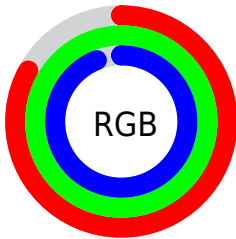
Format	Color
R_{YB}	212, 238, 255
Decimal	13959152
CIE _{Lab}	96.74, -16.56, 2.59
CIE _{LCh}	97, 16.764, 171.097
Yxy	91.8083, 0.2951, 0.3445
Android (android.graphics.Color)	4292149232 (0xFFD4FFF0)
YUV	240.4330, -0.2135, -24.9357
Hunter-Lab	95.8167, -21.1789, 7.6595

Details

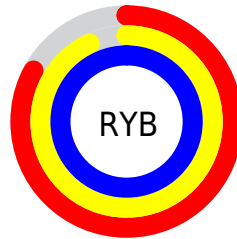
The RGB color **212, 255, 240** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **255, 212, 227**, and the grayscale version is **240, 240, 240**.

A 20% lighter version of the original color is **255, 255, 255**, and **157, 198, 184** is the 20% darker color. If you saturate the color by 10%, you get **187, 255, 231**, and if you desaturate by 10%, it is **238, 255, 249**.

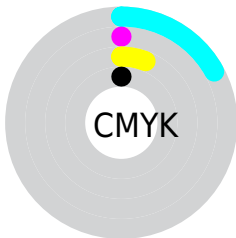
Distribution



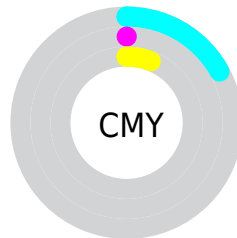
- Red (83%)
- Green (100%)
- Blue (94%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 255, 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 212, 255, 240 by changing the saturation by 10% instead.

212, 255, 240

212, 255, 240

255, 255, 255

184, 226, 212

157, 198, 184

130, 171, 157

105, 144, 131

80, 119, 106

56, 94, 82

33, 70, 59

8, 47, 37

0, 28, 16

■ 212, 255, 240

■ 212, 255, 240

■ 187, 255, 231

■ 238, 255, 249

■ 161, 255, 222

255, 255, 255

■ 136, 255, 213

■ 110, 255, 204

■ 85, 255, 196

■ 59, 255, 187

■ 33, 255, 178

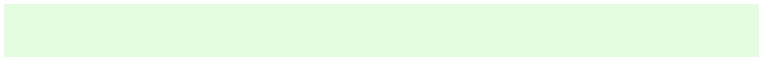
■ 8, 255, 169

■ 0, 255, 166

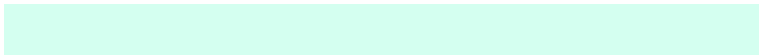
Harmonies

Analogous

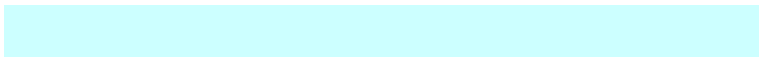
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228, 253, 225



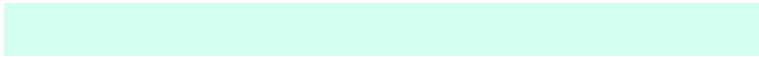
212, 255, 240



204, 255, 255

Triad

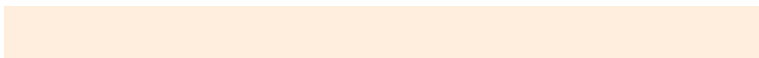
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



212, 255, 240



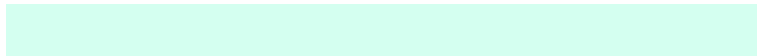
243, 243, 255



255, 238, 221

Complementary

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



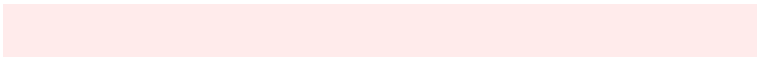
212, 255, 240



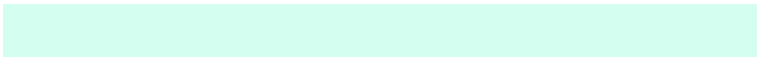
255, 212, 227

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, 235, 235



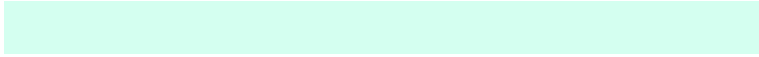
212, 255, 240



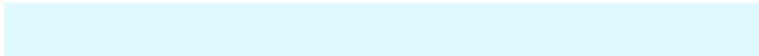
255, 238, 255

Square

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



212, 255, 240



223, 249, 255



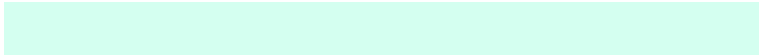
255, 235, 251



255, 243, 214

Rectangle

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



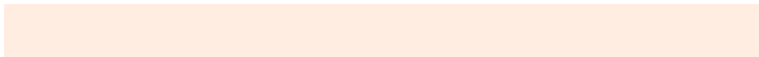
212, 255, 240



205, 254, 255



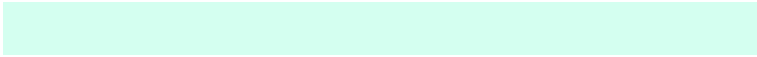
255, 235, 251



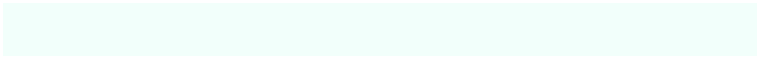
255, 237, 225

Sweetspot

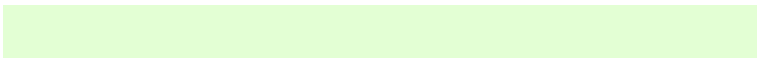
The Sweet Spot groups the original color and five complimentary colors.



212, 255, 240



242, 255, 251



227, 255, 212



120, 128, 125



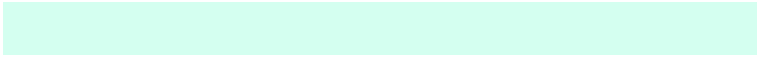
0, 0, 0



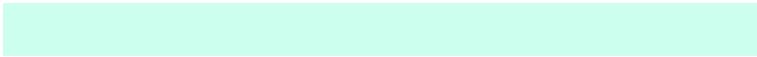
128, 128, 128

Same Dimension

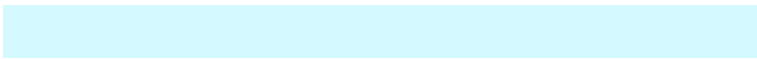
The Same Dimension uses a secret algorithm to generate beautiful new colors.



212, 255, 240



204, 255, 237



212, 249, 255



115, 128, 123



0, 191, 125



0, 64, 42

Inverse Universe

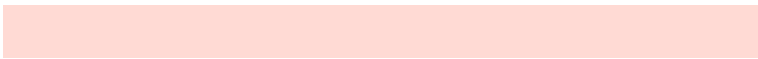
The Inverse Universe completely reimagines the original color for something new.



255, 212, 227



255, 204, 222



255, 218, 212



128, 115, 119



191, 0, 67



64, 0, 22

Previews

White Background



This preview shows how the RGB color 212, 255, 240 looks on a white background.

Color Contrast Check

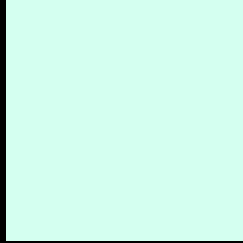
Large Text (above 18pt) WCAG AA × Fail

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 212, 255, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

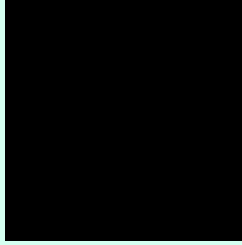
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

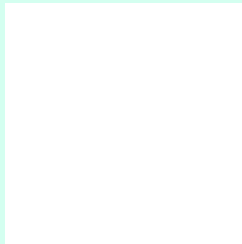
Any Text WCAG AAA ✓ Pass

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

RGB 212, 255, 240 Background



This preview shows how black text looks on a background with the RGB color 212, 255, 240.

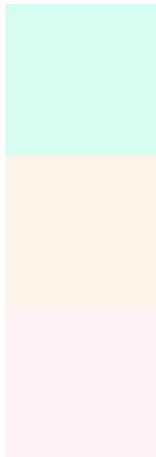


This preview shows how white text looks on a background with the RGB color 212, 255, 240.

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
212, 255, 240

Protanopia
252, 244, 234

Deuteranopia
255, 242, 245



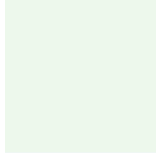
Tritanopia
235, 247, 255

Trichromacy



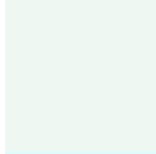
Original Color

212, 255, 240



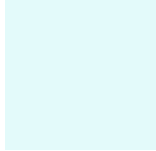
Protanomaly

237, 248, 236



Deuteranomaly

239, 247, 243



Tritanomaly

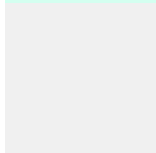
227, 250, 250

Monochromacy



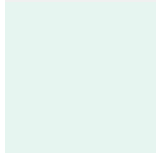
Original Color

212, 255, 240



Achromatopsia

240, 240, 240



Achromatomaly

230, 245, 240

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 255, 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(212, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 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(212, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 240) }
```

Border

The CSS property to change the border of an element to RGB 212, 255, 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(212, 255, 240) }
```

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

```
.border{ border-color:rgb(212, 255, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 212, 255, 240 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, 240) }
```

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

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