

Converting Colors

RGB(212, 241, 230)

Have a look what the booklet for
RGB(212, 241, 230) contains.

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Color

RGB(212, 241, 230)

Conversions

Conversions Part 1

Format	Color
Hex	D4F1E6
RGB	212, 241, 230
RGB Percent	83%, 95%, 90%
CMY	0.1686, 0.0549, 0.0980
CMYK	0.12, 0.00, 0.05, 0.05
HSL	157°, 51%, 89%
HSV	157°, 12%, 95%
XYZ	72.8896, 82.6208, 86.9686
YIQ	231.0750, -13.7530, -9.5690

Conversions

Conversions Part 2

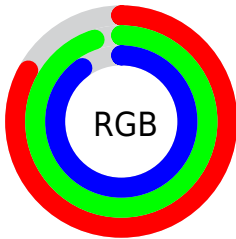
Format	Color
R _Y B	212, 230, 241
Decimal	13955558
CIE Lab	92.85, -11.51, 2.10
CIE LCh	93, 11.701, 169.643
Yxy	82.6208, 0.3006, 0.3407
Android (android.graphics.Color)	4292145638 (0xFFD4F1E6)
YUV	231.0750, -0.5300, -16.7288
Hunter-Lab	90.8960, -15.9286, 6.8989

Details

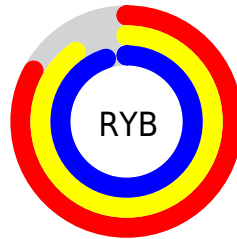
The RGB color **212, 241, 230** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **241, 212, 223**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **157, 185, 175** is the 20% darker color. If you saturate the color by 10%, you get **188, 241, 221**, and if you desaturate by 10%, it is **236, 241, 239**.

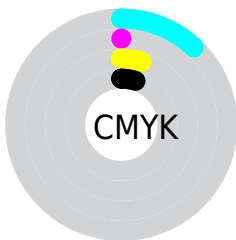
Distribution



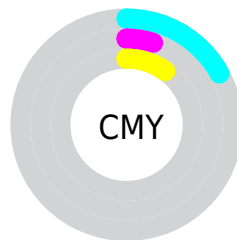
- Red (83%)
- Green (95%)
- Blue (90%)



- Red (83%)
- Yellow (90%)
- Blue (95%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (17%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 241, 230 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, 241, 230 by changing the saturation by 10% instead.

■ 212, 241, 230

255, 255, 255

■ 212, 241, 230

■ 184, 213, 202

■ 157, 185, 175

■ 131, 158, 148

■ 106, 132, 122

■ 81, 107, 97

■ 58, 82, 74

■ 35, 59, 51

■ 14, 37, 30

■ 0, 17, 5

 212, 241, 230

 212, 241, 230

 188, 241, 221

 236, 241, 239

 164, 241, 212

 255, 241, 248

 140, 241, 203

 255, 241, 255

 116, 241, 193

 92, 241, 184

 67, 241, 175

 43, 241, 166

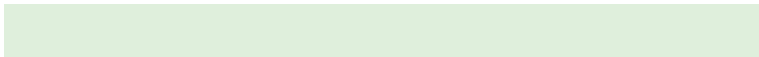
 19, 241, 157

 0, 241, 150

Harmonies

Analogous

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



223, 239, 220



212, 241, 230



207, 241, 242

Triad

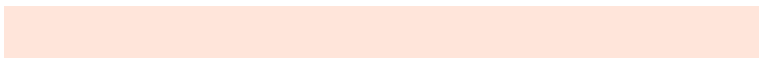
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



212, 241, 230



232, 233, 255



255, 229, 218

Complementary

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



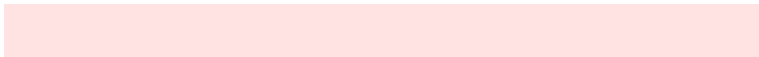
212, 241, 230



241, 212, 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, 227, 227



212, 241, 230



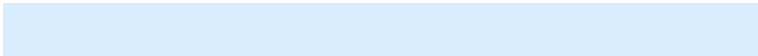
246, 229, 249

Square

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



212, 241, 230



218, 237, 255



255, 227, 239



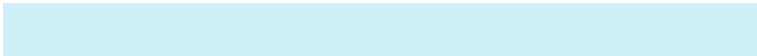
248, 232, 213

Rectangle

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



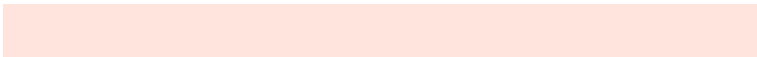
212, 241, 230



207, 240, 248



255, 227, 239



255, 228, 221

Sweetspot

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



212, 241, 230



245, 255, 251



223, 241, 212



121, 128, 125



0, 0, 0



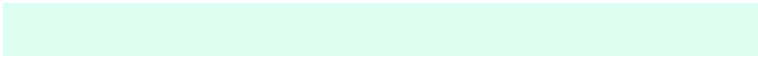
128, 128, 128

Same Dimension

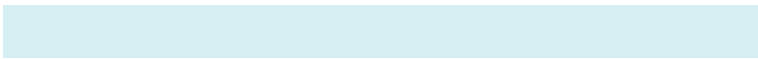
The Same Dimension uses a secret algorithm to generate beautiful new colors.



212, 241, 230



219, 255, 241



212, 238, 241



108, 120, 115



0, 184, 114



0, 56, 35

Inverse Universe

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



241, 212, 223



255, 219, 233



241, 215, 212



120, 108, 112



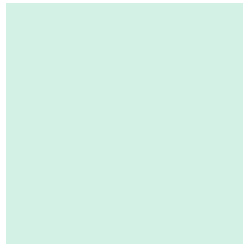
184, 0, 70



56, 0, 21

Previews

White Background



This preview shows how the RGB color 212, 241, 230 looks on a white background.

Color Contrast Check

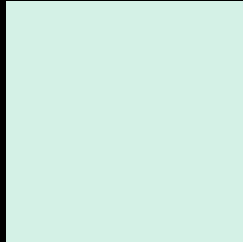
Large Text (above 18pt) WCAG AA × Fail

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, 241, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

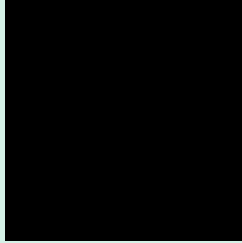
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

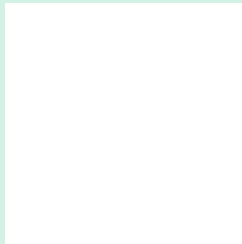
Any Text WCAG AAA ✓ Pass

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

RGB 212, 241, 230 Background



This preview shows how black text looks on a background with the RGB color 212, 241, 230.

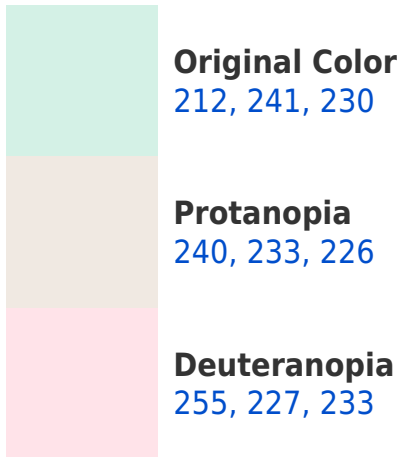


This preview shows how white text looks on a background with the RGB color 212, 241, 230.

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](#).

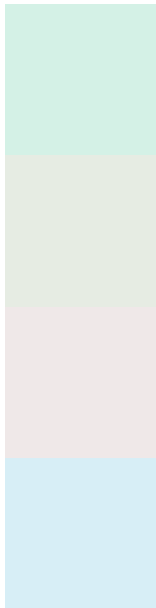
Dichromacy





Tritanopia
217, 237, 255

Trichromacy



Original Color

212, 241, 230

Protanomaly

230, 236, 227

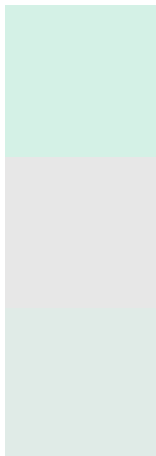
Deuteranomaly

239, 232, 232

Tritanomaly

215, 238, 246

Monochromacy



Original Color

212, 241, 230

Achromatopsia

231, 231, 231

Achromatomaly

224, 235, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 241, 230 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, 241, 230)` looks like.

```
.text, #text, p{  
    color:rgb(212, 241, 230)  
}
```

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, 241, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 241, 230) }
```

Border

The CSS property to change the border of an element to RGB 212, 241, 230 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, 241, 230) }
```

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

```
.border{ border-color:rgb(212, 241, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 241, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 241, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 241, 230);  
box-shadow:4px 4px 4px 4px rgb(212, 241,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 212, 241, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 241, 230) }
```

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

```
.background{ background-color: rgb(212,  
241, 230) }
```

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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