

Converting Colors

RGB(212, 237, 230)

Have a look what the booklet for
RGB(212, 237, 230) contains.

RGB(212, 237, 230)	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, 237, 230)

Conversions

Conversions Part 1

Format	Color
Hex	D4EDE6
RGB	212, 237, 230
RGB Percent	83%, 93%, 90%
CMY	0.1686, 0.0706, 0.0980
CMYK	0.11, 0.00, 0.03, 0.07
HSL	163°, 41%, 88%
HSV	163°, 11%, 93%
XYZ	71.7185, 80.2786, 86.5783
YIQ	228.7270, -12.6530, -7.4770

Conversions

Conversions Part 2

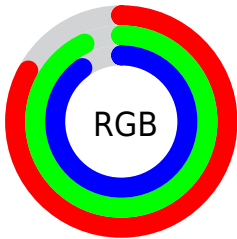
Format	Color
R_{YB}	212, 227, 237
Decimal	13954534
CIE Lab	91.81, -9.50, 0.59
CIE LCh	92, 9.517, 176.438
Yxy	80.2786, 0.3006, 0.3365
Android (android.graphics.Color)	4292144614 (0xFFD4EDE6)
YUV	228.7270, 0.6276, -14.6696
Hunter-Lab	89.5983, -13.9177, 5.4273

Details

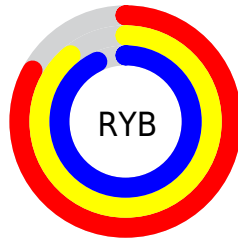
The RGB color **212, 237, 230** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **237, 212, 219**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is 255, 255, 255, and **157, 181, 175** is the 20% darker color. If you saturate the color by 10%, you get **188, 237, 223**, and if you desaturate by 10%, it is **236, 237, 237**.

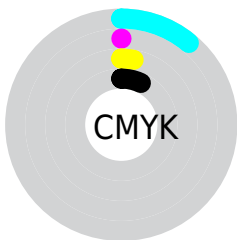
Distribution



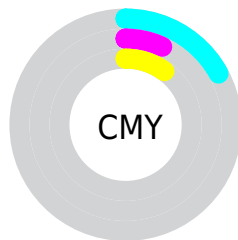
- Red (83%)
- Green (93%)
- Blue (90%)



- Red (83%)
- Yellow (89%)
- Blue (93%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (17%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 212, 237, 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, 237, 230 by changing the saturation by 10% instead.

■ 212, 237, 230

255, 255, 255

■ 212, 237, 230

■ 184, 209, 202

■ 157, 181, 175

■ 131, 154, 148

■ 106, 128, 122

■ 81, 103, 97

■ 58, 79, 74

■ 36, 56, 51

■ 15, 35, 30

■ 0, 12, 5

 212, 237, 230

 212, 237, 230

 188, 237, 223

 236, 237, 237

 165, 237, 217

 255, 237, 243

 141, 237, 210

 255, 237, 250

 117, 237, 203

 255, 237, 255

 93, 237, 197

 70, 237, 190

 46, 237, 184

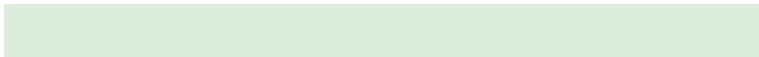
 22, 237, 177

 0, 237, 171

Harmonies

Analogous

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



220, 236, 221



212, 237, 230



209, 237, 239

Triad

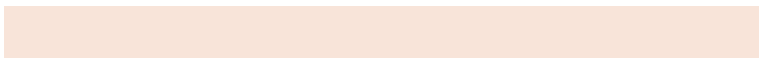
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



212, 237, 230



232, 230, 248



248, 228, 217

Complementary

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



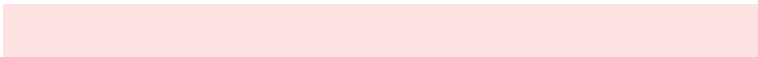
212, 237, 230



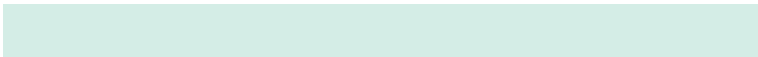
237, 212, 219

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.



252, 226, 224



212, 237, 230



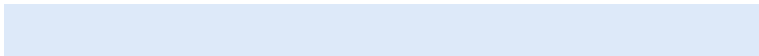
243, 227, 242

Square

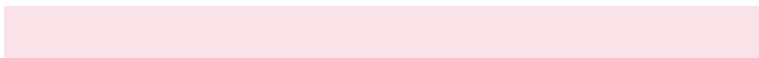
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



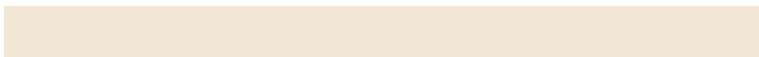
212, 237, 230



221, 233, 249



250, 226, 233



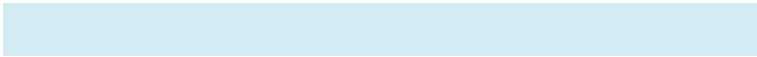
241, 230, 213

Rectangle

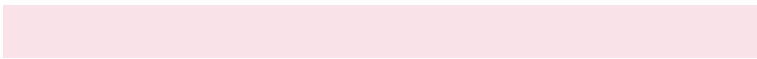
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



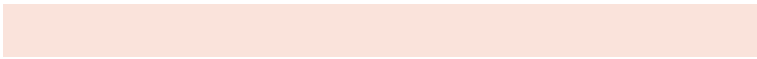
212, 237, 230



211, 236, 244



250, 226, 233



250, 227, 219

Sweetspot

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



212, 237, 230



247, 255, 253



219, 237, 212



122, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



212, 237, 230



222, 255, 246



212, 232, 237



106, 117, 114



0, 181, 130



0, 54, 39

Inverse Universe

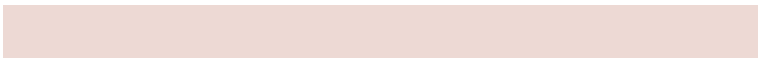
The Inverse Universe completely reimagines the original color for something new.



237, 212, 219



255, 222, 231



237, 217, 212



117, 106, 109



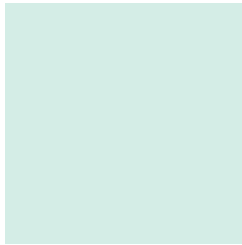
181, 0, 51



54, 0, 15

Previews

White Background



This preview shows how the RGB color 212, 237, 230 looks on a white background.

Color Contrast Check

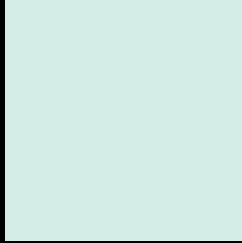
Large Text (above 18pt) WCAG AA × Fail

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, 237, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

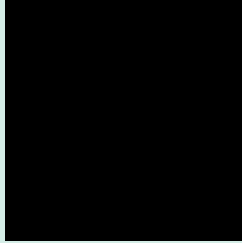
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

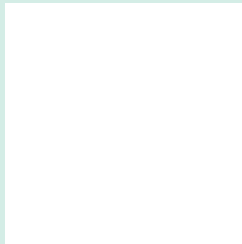
Any Text WCAG AAA ✓ Pass

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

RGB 212, 237, 230 Background



This preview shows how black text looks on a background with the RGB color 212, 237, 230.



This preview shows how white text looks on a background with the RGB color 212, 237, 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](#).

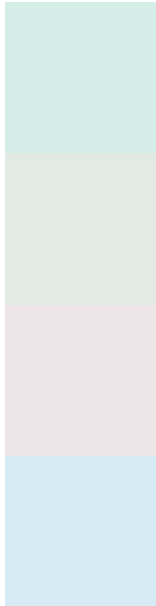
Dichromacy





Tritanopia
216, 234, 252

Trichromacy



Original Color

212, 237, 230

Protanomaly

227, 233, 227

Deuteranomaly

238, 229, 232

Tritanomaly

215, 235, 244

Monochromacy



Original Color

212, 237, 230

Achromatopsia

229, 229, 229

Achromatomaly

223, 232, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 212, 237, 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, 237, 230)` looks like.

```
.text, #text, p{  
    color:rgb(212, 237, 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, 237, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 237, 230) }
```

Border

The CSS property to change the border of an element to RGB 212, 237, 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, 237, 230) }
```

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

```
.border{ border-color:rgb(212, 237, 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, 237, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 237, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 237, 230);  
box-shadow:4px 4px 4px 4px rgb(212, 237,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 212, 237, 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, 237, 230) }
```

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

```
.background{ background-color: rgb(212,  
237, 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](#).

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