

Converting Colors

RGB(210, 240, 230)

Have a look what the booklet for
RGB(210, 240, 230) contains.

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Color

RGB(210, 240, 230)

Conversions

Conversions Part 1

Format	Color
Hex	D2F0E6
RGB	210, 240, 230
RGB Percent	82%, 94%, 90%
CMY	0.1765, 0.0588, 0.0980
CMYK	0.13, 0.00, 0.04, 0.06
HSL	160°, 50%, 88%
HSV	160°, 13%, 94%
XYZ	72.0214, 81.7350, 86.8434
YIQ	229.8900, -14.6700, -9.4700

Conversions

Conversions Part 2

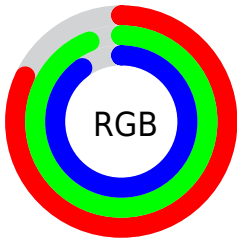
Format	Color
R _{YB}	210, 228, 240
Decimal	13824230
CIE Lab	92.46, -11.65, 1.52
CIE LCh	92, 11.751, 172.569
Yxy	81.7350, 0.2993, 0.3397
Android (android.graphics.Color)	4292014310 (0xFFD2F0E6)
YUV	229.8900, 0.0542, -17.4435
Hunter-Lab	90.4074, -16.0143, 6.3325

Details

The RGB color **210, 240, 230** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **240, 210, 220**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is 255, 255, 255, and **155, 184, 175** is the 20% darker color. If you saturate the color by 10%, you get **186, 240, 222**, and if you desaturate by 10%, it is **234, 240, 238**.

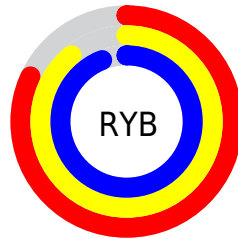
Distribution



Red (82%)

Green (94%)

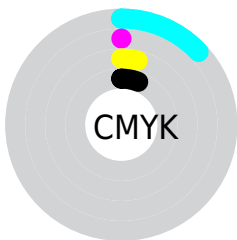
Blue (90%)



Red (82%)

Yellow (89%)

Blue (94%)

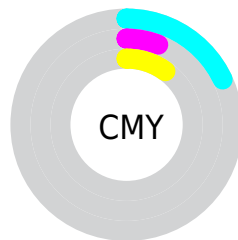


Cyan (13%)

Magenta (0%)

Yellow (4%)

Black (6%)



Cyan (18%)

Magenta (6%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 210, 240, 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 210, 240, 230 by changing the saturation by 10% instead.

■ 210, 240, 230

255, 255, 255

■ 210, 240, 230

■ 182, 212, 202

■ 155, 184, 175

■ 129, 157, 148

■ 104, 131, 122

■ 79, 106, 97

■ 56, 82, 74

■ 34, 58, 51

■ 12, 37, 30

■ 0, 16, 5

 210, 240, 230

 210, 240, 230

 186, 240, 222

 234, 240, 238

 162, 240, 214

 255, 240, 246

 138, 240, 206

 255, 240, 254

 114, 240, 198

 255, 240, 255

 90, 240, 190

 66, 240, 182

 42, 240, 174

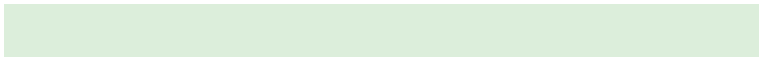
 18, 240, 166

 0, 240, 160

Harmonies

Analogous

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



220, 238, 219



210, 240, 230



205, 240, 242

Triad

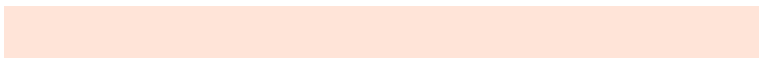
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210, 240, 230



232, 231, 254



255, 228, 216

Complementary

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



210, 240, 230



240, 210, 220

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, 226, 225



210, 240, 230



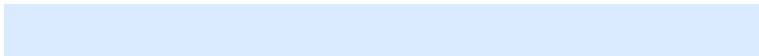
246, 228, 247

Square

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



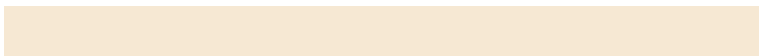
210, 240, 230



218, 235, 255



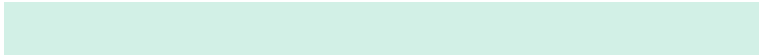
255, 226, 237



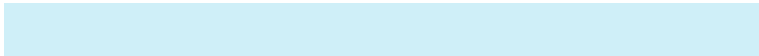
246, 232, 211

Rectangle

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



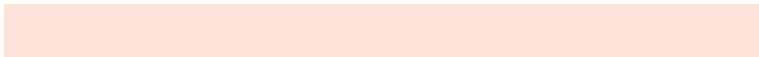
210, 240, 230



207, 239, 248



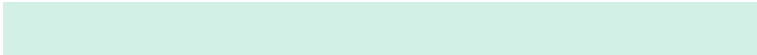
255, 226, 237



255, 227, 218

Sweetspot

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



210, 240, 230



245, 255, 252



220, 240, 210



121, 128, 125



0, 0, 0



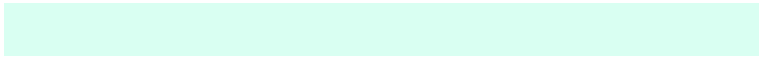
128, 128, 128

Same Dimension

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



210, 240, 230



217, 255, 242



210, 235, 240



108, 120, 116



0, 184, 122



0, 56, 37

Inverse Universe

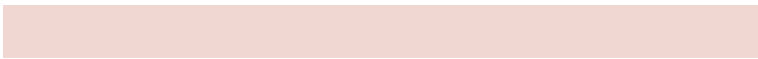
The Inverse Universe completely reimagines the original color for something new.



240, 210, 220



255, 217, 230



240, 215, 210



120, 108, 112



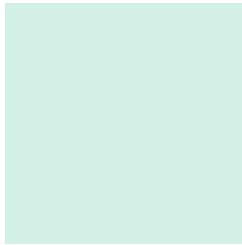
184, 0, 61



56, 0, 19

Previews

White Background



This preview shows how the RGB color 210, 240, 230 looks on a white background.

Color Contrast Check

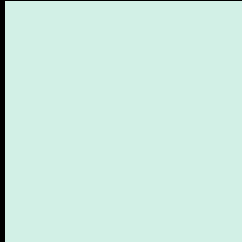
Large Text (above 18pt) WCAG AA × Fail

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 210, 240, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

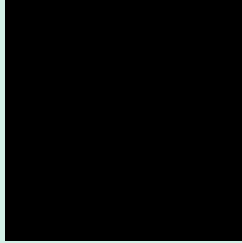
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

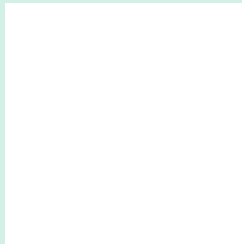
Any Text WCAG AAA ✓ Pass

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

RGB 210, 240, 230 Background



This preview shows how black text looks on a background with the RGB color 210, 240, 230.



This preview shows how white text looks on a background with the RGB color 210, 240, 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

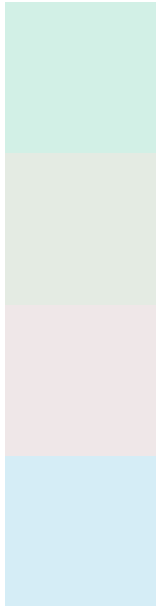




Tritanopia

214, 236, 255

Trichromacy



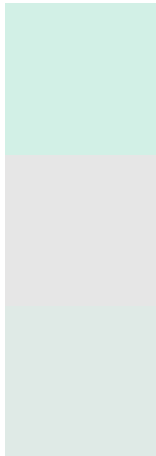
Original Color
210, 240, 230

Protanomaly
228, 235, 227

Deuteranomaly
239, 231, 232

Tritanomaly
213, 237, 246

Monochromacy



Original Color
210, 240, 230

Achromatopsia
230, 230, 230

Achromatomaly
223, 234, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 210, 240, 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(210, 240, 230)` looks like.

```
.text, #text, p{  
    color:rgb(210, 240, 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(210, 240, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 240, 230) }
```

Border

The CSS property to change the border of an element to RGB 210, 240, 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(210, 240, 230) }
```

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

```
.border{ border-color:rgb(210, 240, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 240, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 240, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 240, 230);  
box-shadow:4px 4px 4px 4px rgb(210, 240,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 210, 240, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 240, 230) }
```

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

```
.background{ background-color: rgb(210,  
240, 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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