

Converting Colors

RGB(196, 239, 230)

Have a look what the booklet for
RGB(196, 239, 230) contains.

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Color

RGB(196, 239, 230)

Conversions

Conversions Part 1

Format	Color
Hex	C4EFE6
RGB	196, 239, 230
RGB Percent	77%, 94%, 90%
CMY	0.2314, 0.0627, 0.0980
CMYK	0.18, 0.00, 0.04, 0.06
HSL	167°, 57%, 85%
HSV	167°, 18%, 94%
XYZ	67.9144, 79.1819, 86.5671
YIQ	225.1170, -22.7390, -11.9150

Conversions

Conversions Part 2

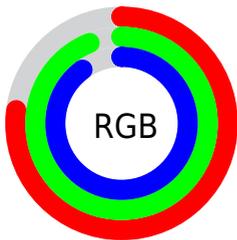
Format	Color
RYB	196, 220, 239
Decimal	12906470
CIELab	91.32, -15.57, -0.25
CIELCh	91, 15.570, 180.924
Yxy	79.1819, 0.2907, 0.3389
Android (android.graphics.Color)	4291096550 (0xFFC4EFE6)
YUV	225.1170, 2.4073, -25.5356
Hunter-Lab	88.9842, -19.4880, 4.6095

Details

The RGB color **196, 239, 230** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **239, 196, 205**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is 253, 255, 255, and **142, 183, 175** is the 20% darker color. If you saturate the color by 10%, you get **172, 239, 225**, and if you desaturate by 10%, it is **220, 239, 235**.

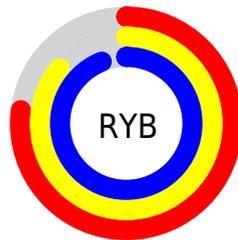
Distribution



Red (77%)

Green (94%)

Blue (90%)



Red (77%)

Yellow (86%)

Blue (94%)

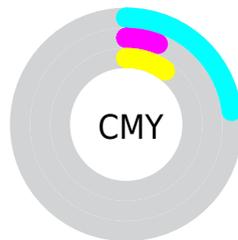


Cyan (18%)

Magenta (0%)

Yellow (4%)

Black (6%)



Cyan (23%)

Magenta (6%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 239, 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 196, 239, 230 by changing the saturation by 10% instead.

■ 196, 239, 230

255, 255, 255

253, 255, 255

■ 196, 239, 230

■ 168, 211, 202

■ 142, 183, 175

■ 116, 156, 148

■ 90, 130, 122

■ 66, 105, 97

■ 42, 80, 74

■ 18, 57, 51

■ 0, 36, 30

■ 0, 9, 5

 196, 239, 230

 196, 239, 230

 172, 239, 225

 220, 239, 235

 148, 239, 220

 244, 239, 240

 124, 239, 215

 255, 239, 245

 100, 239, 210

 255, 239, 250

 77, 239, 205

 255, 239, 255

 53, 239, 200

 29, 239, 195

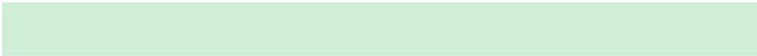
 5, 239, 190

 0, 239, 189

Harmonies

Analogous

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



208, 237, 215



196, 239, 230



192, 238, 245

Triad

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



196, 239, 230



234, 226, 255



255, 224, 204

Complementary

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



196, 239, 230



239, 196, 205

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, 221, 215



196, 239, 230



250, 222, 245

Square

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



196, 239, 230



215, 231, 255



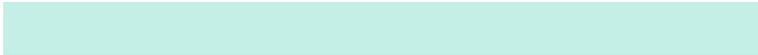
255, 220, 230



242, 229, 200

Rectangle

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



196, 239, 230



196, 237, 253



255, 220, 230



255, 223, 207

Sweetspot

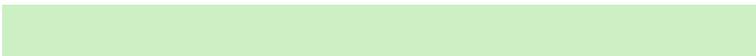
The Sweet Spot groups the original color and five complimentary colors.



196, 239, 230



242, 255, 252



205, 239, 196



120, 128, 126



0, 0, 0



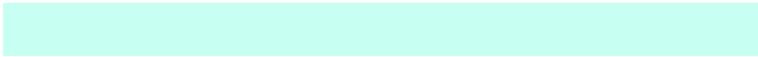
128, 128, 128

Same Dimension

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



196, 239, 230



199, 255, 243



196, 227, 239



108, 120, 117



0, 184, 145



0, 56, 44

Inverse Universe

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



239, 196, 205



255, 199, 211



239, 208, 196



120, 108, 110



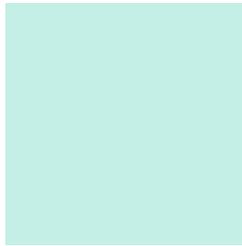
184, 0, 38



56, 0, 12

Previews

White Background



This preview shows how the RGB color 196, 239, 230 looks on a white background.

Color Contrast Check

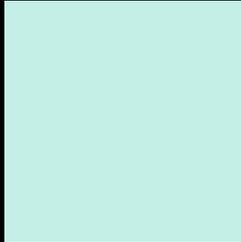
Large Text (above 18pt) WCAG AA × Fail

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 196, 239, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

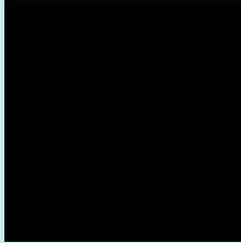
Any Text WCAG AA ✓ Pass

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 196, 239, 230 Background



This preview shows how black text looks on a background with the RGB color 196, 239, 230.



This preview shows how white text looks on a background with the RGB color 196, 239, 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



Original Color
196, 239, 230

Protanopia
235, 229, 224

Deuteranopia
250, 222, 233



Tritanopia

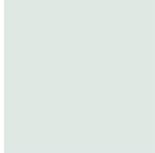
201, 235, 254

Trichromacy



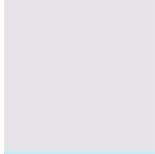
Original Color

196, 239, 230



Protanomaly

221, 233, 226



Deuteranomaly

230, 228, 232



Tritanomaly

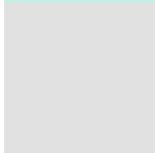
199, 236, 245

Monochromacy



Original Color

196, 239, 230



Achromatopsia

225, 225, 225



Achromatomaly

214, 230, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 239, 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(196, 239, 230)` looks like.

```
.text, #text, p{  
    color:rgb(196, 239, 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(196, 239, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 239, 230) }
```

Border

The CSS property to change the border of an element to RGB 196, 239, 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(196, 239, 230) }
```

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

```
.border{ border-color:rgb(196, 239, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 239, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 239, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 239, 230); box-shadow:4px 4px 4px 4px rgb(196, 239, 230) }
```

Background

The CSS property to change the background color of an element to RGB 196, 239, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 239, 230) }
```

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

```
.background{ background-color: rgb(196,  
239, 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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