

Converting Colors

RGB(205, 236, 230)

Have a look what the booklet for
RGB(205, 236, 230) contains.

RGB(205, 236, 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(205, 236, 230)

Conversions

Conversions Part 1

Format	Color
Hex	CDECE6
RGB	205, 236, 230
RGB Percent	80%, 93%, 90%
CMY	0.1961, 0.0745, 0.0980
CMYK	0.13, 0.00, 0.03, 0.07
HSL	168°, 45%, 86%
HSV	168°, 13%, 93%
XYZ	69.4552, 78.6832, 86.3896
YIQ	226.0470, -16.5500, -8.4380

Conversions

Conversions Part 2

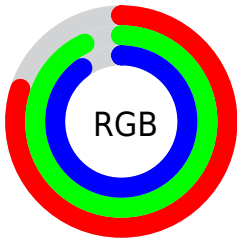
Format	Color
RYB	205, 222, 236
Decimal	13495526
CIELab	91.09, -11.24, -0.51
CIELCh	91, 11.251, 182.617
Yxy	78.6832, 0.2961, 0.3355
Android (android.graphics.Color)	4291685606 (0xFFCDECE6)
YUV	226.0470, 1.9488, -18.4582
Hunter-Lab	88.7036, -15.4651, 4.3491

Details

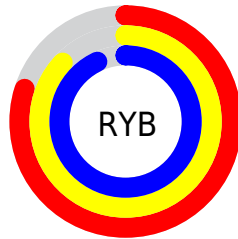
The RGB color **205, 236, 230** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **236, 205, 211**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **151, 180, 175** is the 20% darker color. If you saturate the color by 10%, you get **181, 236, 225**, and if you desaturate by 10%, it is **229, 236, 235**.

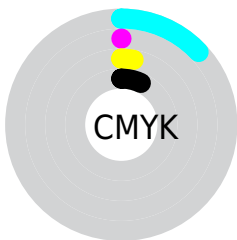
Distribution



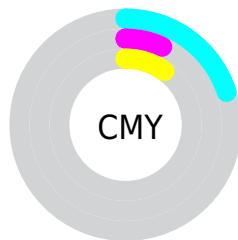
- Red (80%)
- Green (93%)
- Blue (90%)



- Red (80%)
- Yellow (87%)
- Blue (93%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (20%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 205, 236, 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 205, 236, 230 by changing the saturation by 10% instead.

■ 205, 236, 230

255, 255, 255

■ 205, 236, 230

■ 177, 208, 202

■ 151, 180, 175

■ 124, 153, 148

■ 99, 127, 122

■ 75, 102, 97

■ 52, 78, 74


■ 29, 55, 51

■ 7, 34, 30

■ 0, 8, 5

 205, 236, 230

 205, 236, 230

 181, 236, 225


 229, 236, 235

 158, 236, 221

 252, 236, 239

 134, 236, 216

 255, 236, 244

 111, 236, 212

 255, 236, 248

 87, 236, 207

 255, 236, 253

 63, 236, 203

 255, 236, 255

 40, 236, 198

 16, 236, 193

 0, 236, 190

Harmonies

Analogous

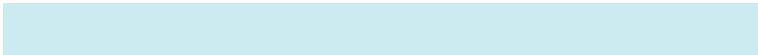
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213, 235, 219



205, 236, 230



203, 235, 241

Triad

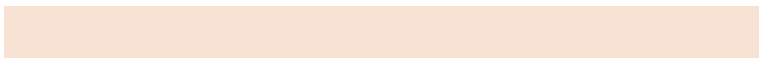
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



205, 236, 230



233, 226, 248



248, 226, 211

Complementary

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



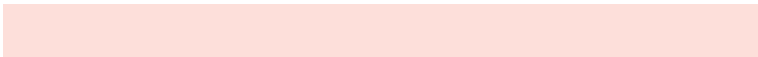
205, 236, 230



236, 205, 211

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.



253, 223, 218



205, 236, 230



245, 224, 240

Square

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



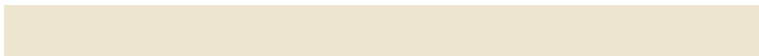
205, 236, 230



220, 230, 251



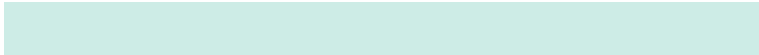
252, 222, 229



238, 229, 208

Rectangle

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



205, 236, 230



206, 234, 246



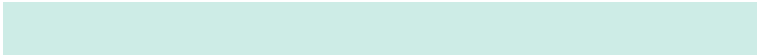
252, 222, 229



250, 225, 213

Sweetspot

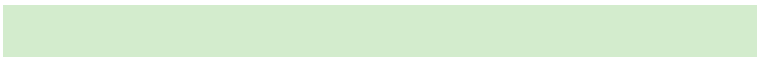
The Sweet Spot groups the original color and five complimentary colors.



205, 236, 230



245, 255, 253



211, 236, 205



121, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



205, 236, 230



214, 255, 247



205, 227, 236



106, 117, 115



0, 181, 146



0, 54, 43

Inverse Universe

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



236, 205, 211



255, 214, 222



236, 214, 205



117, 106, 108



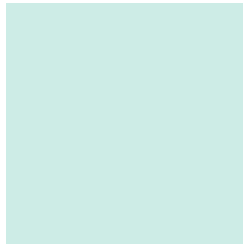
181, 0, 35



54, 0, 10

Previews

White Background



This preview shows how the RGB color 205, 236, 230 looks on a white background.

Color Contrast Check

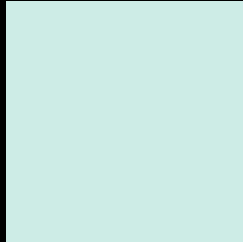
Large Text (above 18pt) WCAG AA × Fail

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 205, 236, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

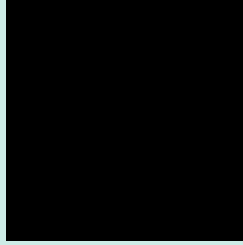
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

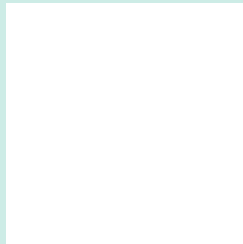
Any Text WCAG AAA ✓ Pass

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

RGB 205, 236, 230 Background



This preview shows how black text looks on a background with the RGB color 205, 236, 230.



This preview shows how white text looks on a background with the RGB color 205, 236, 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](#).

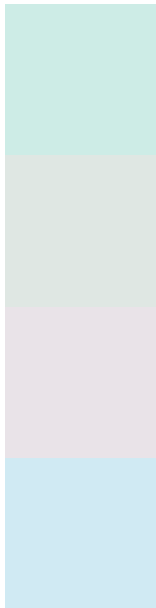
Dichromacy





Tritanopia
209, 233, 251

Trichromacy



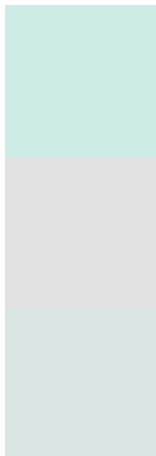
Original Color
205, 236, 230

Protanomaly
223, 231, 227

Deuteranomaly
233, 227, 232

Tritanomaly
208, 234, 243

Monochromacy



Original Color
205, 236, 230

Achromatopsia
226, 226, 226

Achromatomaly
218, 230, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 236, 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(205, 236, 230)` looks like.

```
.text, #text, p{  
    color:rgb(205, 236, 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(205, 236, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 236, 230) }
```

Border

The CSS property to change the border of an element to RGB 205, 236, 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(205, 236, 230) }
```

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

```
.border{ border-color:rgb(205, 236, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 236, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 236, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 236, 230);  
box-shadow:4px 4px 4px 4px rgb(205, 236,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 205, 236, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 236, 230) }
```

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

```
.background{ background-color: rgb(205,  
236, 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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