

Converting Colors

RGB(165, 230, 230)

Have a look what the booklet for
RGB(165, 230, 230) contains.

RGB(165, 230, 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(165, 230, 230)

Conversions

Conversions Part 1

Format	Color
Hex	A5E6E6
RGB	165, 230, 230
RGB Percent	65%, 90%, 90%
CMY	0.3529, 0.0980, 0.0980
CMYK	0.28, 0.00, 0.00, 0.10
HSL	180°, 57%, 77%
HSV	180°, 28%, 90%
XYZ	58.0968, 70.3061, 85.3713
YIQ	210.5650, -38.7400, -13.7800

Conversions

Conversions Part 2

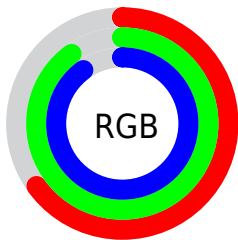
Format	Color
RYB	165, 198, 230
Decimal	10872550
CIELab	87.15, -20.26, -6.58
CIELCh	87, 21.307, 197.997
Yxy	70.3061, 0.2718, 0.3289
Android (android.graphics.Color)	4289062630 (0xFFA5E6E6)
YUV	210.5650, 9.5815, -39.9605
Hunter-Lab	83.8488, -23.0569, -1.6725

Details

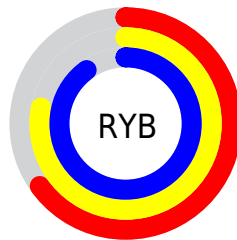
The RGB color **165, 230, 230** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **230, 165, 165**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **222, 255, 255**, and **111, 174, 175** is the 20% darker color. If you saturate the color by 10%, you get **142, 230, 230**, and if you desaturate by 10%, it is **188, 230, 230**.

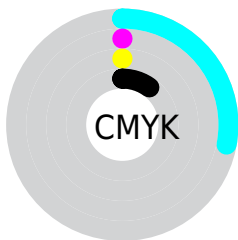
Distribution



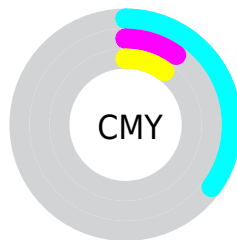
- Red (65%)
- Green (90%)
- Blue (90%)



- Red (65%)
- Yellow (78%)
- Blue (90%)



- Cyan (28%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (35%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 230, 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 165, 230, 230 by changing the saturation by 10% instead.


 165, 230, 230

 165, 230, 230


255, 255, 255


 138, 202, 202

 222, 255, 255

 111, 174, 175

 251, 255, 255


 84, 148, 148

 57, 122, 122

 29, 97, 97

 0, 73, 74

 0, 50, 51

 0, 30, 30

 0, 0, 4

 165, 230, 230

 165, 230, 230

 142, 230, 230

 188, 230, 230

 119, 230, 230

 211, 230, 230

 96, 230, 230

 234, 230, 230

 73, 230, 230

 255, 230, 230

 50, 230, 230

 27, 230, 230

 4, 230, 230

 0, 230, 230

Harmonies

Analogous

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



177, 230, 209



165, 230, 230



168, 228, 248

Triad

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



165, 230, 230



237, 209, 246



242, 214, 179

Complementary

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



165, 230, 230



230, 165, 165

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, 208, 189



165, 230, 230



254, 205, 227

Square

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



165, 230, 230



211, 216, 255



255, 204, 207



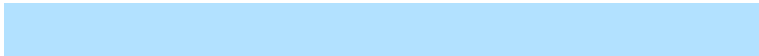
221, 221, 180

Rectangle

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



165, 230, 230



178, 225, 255



255, 204, 207



248, 212, 181

Sweetspot

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



165, 230, 230



235, 255, 255



165, 230, 165



115, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



165, 230, 230



168, 255, 255



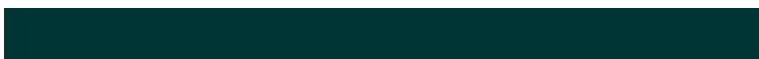
165, 198, 230



103, 115, 115



0, 179, 179



0, 51, 51

Inverse Universe

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



230, 165, 230



255, 168, 255



230, 198, 165



115, 103, 115



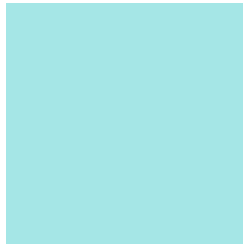
179, 0, 179



51, 0, 51

Previews

White Background



This preview shows how the RGB color 165, 230, 230 looks on a white background.

Color Contrast Check

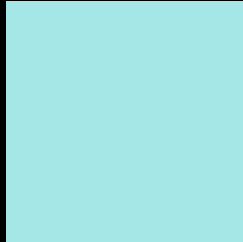
Large Text (above 18pt) WCAG AA × Fail

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 165, 230, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

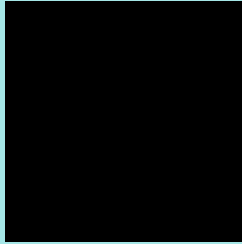
Any Text WCAG AA ✓ Pass

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 165, 230, 230 Background



This preview shows how black text looks on a background with the RGB color 165, 230, 230.



This preview shows how white text looks on a background with the RGB color 165, 230, 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



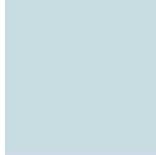


Tritanopia
169, 228, 246

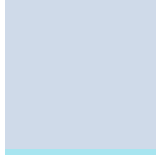
Trichromacy



Original Color
165, 230, 230



Protanomaly
200, 221, 225



Deuteranomaly
207, 218, 233

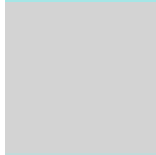


Tritanomaly
168, 229, 240

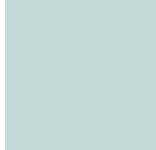
Monochromacy



Original Color
165, 230, 230



Achromatopsia
211, 211, 211



Achromatomaly
194, 218, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 230, 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(165, 230, 230)` looks like.

```
.text, #text, p{  
    color:rgb(165, 230, 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(165, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 230, 230) }
```

Border

The CSS property to change the border of an element to RGB 165, 230, 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(165, 230, 230) }
```

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

```
.border{ border-color:rgb(165, 230, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 230, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(165, 230,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 165, 230, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 230, 230) }
```

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

```
.background{ background-color: rgb(165,  
230, 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