

Converting Colors

RGB(165, 248, 238)

Have a look what the booklet for
RGB(165, 248, 238) contains.

RGB(165, 248, 238)	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, 248, 238)

Conversions

Conversions Part 1

Format	Color
Hex	A5F8EE
RGB	165, 248, 238
RGB Percent	65%, 97%, 93%
CMY	0.3529, 0.0275, 0.0667
CMYK	0.33, 0.00, 0.04, 0.03
HSL	173°, 86%, 81%
HSV	173°, 33%, 97%
XYZ	64.5171, 81.3072, 93.1824
YIQ	222.0430, -46.2580, -20.7060

Conversions

Conversions Part 2

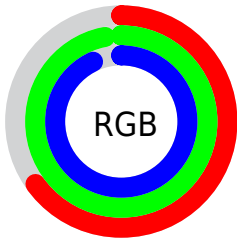
Format	Color
RYB	165, 209, 248
Decimal	10877166
CIELab	92.27, -27.25, -3.21
CIELCh	92, 27.440, 186.727
Yxy	81.3072, 0.2699, 0.3402
Android (android.graphics.Color)	4289067246 (0xFFA5F8EE)
YUV	222.0430, 7.8668, -50.0267
Hunter-Lab	90.1705, -30.0815, 1.8489

Details

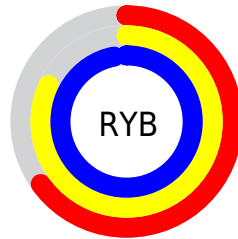
The RGB color **165, 248, 238** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **248, 165, 175**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **222, 255, 255**, and **109, 191, 182** is the 20% darker color. If you saturate the color by 10%, you get **140, 248, 235**, and if you desaturate by 10%, it is **190, 248, 241**.

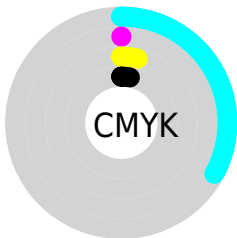
Distribution



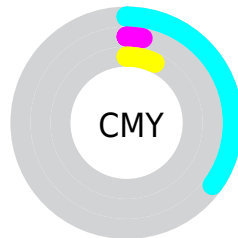
- Red (65%)
- Green (97%)
- Blue (93%)



- Red (65%)
- Yellow (82%)
- Blue (97%)



- Cyan (33%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (35%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 248, 238 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, 248, 238 by changing the saturation by 10% instead.

 165, 248, 238

 165, 248, 238


255, 255, 255


 137, 219, 210


 222, 255, 255


 109, 191, 182

 252, 255, 255

 82, 164, 155


 53, 137, 129

 18, 112, 104

 0, 87, 80

 0, 63, 57

 0, 41, 36

 0, 15, 15

 165, 248, 238

 165, 248, 238

 140, 248, 235

 190, 248, 241

 115, 248, 232

 215, 248, 244

 91, 248, 229

 239, 248, 247

 66, 248, 226

 255, 248, 250

 41, 248, 223

 255, 248, 253

 16, 248, 220

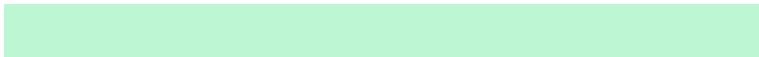
 255, 248, 255

 0, 248, 218

Harmonies

Analogous

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



188, 246, 211



165, 248, 238



159, 246, 255

Triad

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



165, 248, 238



245, 224, 255



255, 224, 185

Complementary

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



165, 248, 238



248, 165, 175

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, 217, 202



165, 248, 238



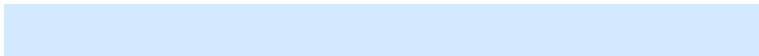
255, 217, 254

Square

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



165, 248, 238



210, 233, 255



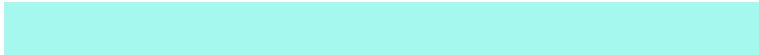
255, 214, 228



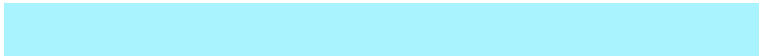
247, 233, 180

Rectangle

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



165, 248, 238



169, 243, 255



255, 214, 228



255, 221, 190

Sweetspot

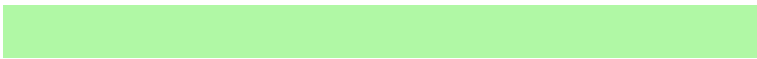
The Sweet Spot groups the original color and five complimentary colors.



165, 248, 238



230, 255, 252



176, 248, 165



112, 128, 126



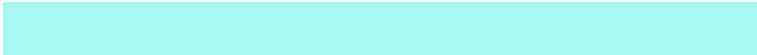
0, 0, 0



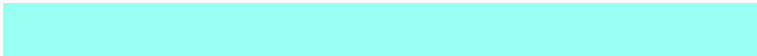
128, 128, 128

Same Dimension

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



165, 248, 238



153, 255, 243



165, 218, 248



112, 125, 123



0, 189, 166



0, 61, 54

Inverse Universe

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



248, 165, 175



255, 153, 165



248, 195, 165



125, 112, 114



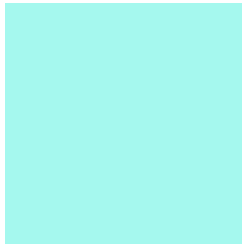
189, 0, 23



61, 0, 7

Previews

White Background



This preview shows how the RGB color 165, 248, 238 looks on a white background.

Color Contrast Check

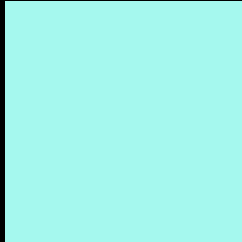
Large Text (above 18pt) WCAG AA × Fail

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, 248, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

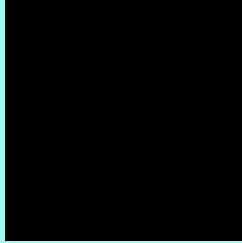
Any Text WCAG AA ✓ Pass

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, 248, 238 Background



This preview shows how black text looks on a background with the RGB color 165, 248, 238.

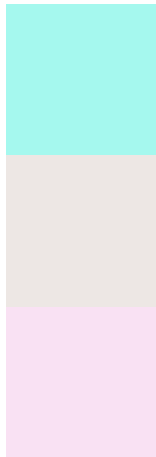


This preview shows how white text looks on a background with the RGB color 165, 248, 238.

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
165, 248, 238

Protanopia
237, 231, 228

Deuteranopia
249, 225, 243



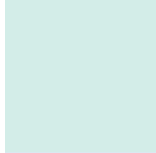
Tritanopia
191, 241, 255

Trichromacy



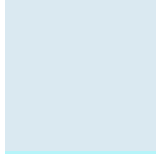
Original Color

165, 248, 238



Protanomaly

211, 237, 232



Deuteranomaly

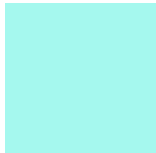
218, 233, 241



Tritanomaly

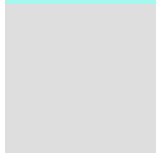
182, 244, 249

Monochromacy



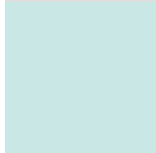
Original Color

165, 248, 238



Achromatopsia

222, 222, 222



Achromatomaly

201, 231, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 248, 238 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, 248, 238)` looks like.

```
.text, #text, p{  
    color:rgb(165, 248, 238)  
}
```

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, 248, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 248, 238) }
```

Border

The CSS property to change the border of an element to RGB 165, 248, 238 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, 248, 238) }
```

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

```
.border{ border-color:rgb(165, 248, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 248, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 248, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 248, 238);  
box-shadow:4px 4px 4px 4px rgb(165, 248,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 165, 248, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 248, 238) }
```

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

```
.background{ background-color: rgb(165,  
248, 238) }
```

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