

Converting Colors

RGB(165, 240, 233)

Have a look what the booklet for
RGB(165, 240, 233) contains.

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Color

RGB(165, 240, 233)

Conversions

Conversions Part 1

Format	Color
Hex	A5F0E9
RGB	165, 240, 233
RGB Percent	65%, 94%, 91%
CMY	0.3529, 0.0588, 0.0863
CMYK	0.31, 0.00, 0.03, 0.06
HSL	174°, 71%, 79%
HSV	174°, 31%, 94%
XYZ	61.3851, 76.2027, 88.5640
YIQ	216.7770, -42.4530, -18.0770

Conversions

Conversions Part 2

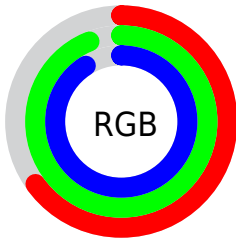
Format	Color
R _Y B	165, 204, 240
Decimal	10875113
CIE Lab	89.95, -24.50, -4.02
CIE LCh	90, 24.829, 189.307
Yxy	76.2027, 0.2714, 0.3370
Android (android.graphics.Color)	4289065193 (0xFFA5F0E9)
YUV	216.7770, 7.9979, -45.4084
Hunter-Lab	87.2942, -27.2439, 0.9534

Details

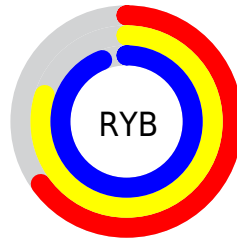
The RGB color **165, 240, 233** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **240, 165, 172**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **222, 255, 255**, and **110, 184, 177** is the 20% darker color. If you saturate the color by 10%, you get **141, 240, 231**, and if you desaturate by 10%, it is **189, 240, 235**.

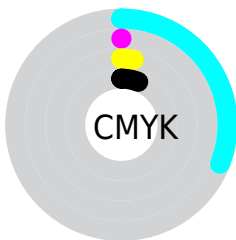
Distribution



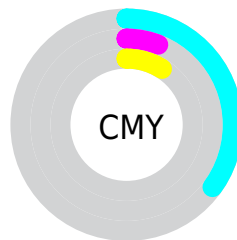
- Red (65%)
- Green (94%)
- Blue (91%)



- Red (65%)
- Yellow (80%)
- Blue (94%)



- Cyan (31%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)



- Cyan (35%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 240, 233 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, 240, 233 by changing the saturation by 10% instead.

 165, 240, 233


255, 255, 255


 222, 255, 255


 251, 255, 255


 165, 240, 233


 137, 212, 205

 110, 184, 177


 83, 157, 151

 55, 130, 125

 24, 105, 100

 0, 81, 76

 0, 57, 53

 0, 36, 32

 0, 0, 10

 165, 240, 233

 165, 240, 233

 141, 240, 231

 189, 240, 235

 117, 240, 229

 213, 240, 237

 93, 240, 226

 237, 240, 240

 69, 240, 224

 255, 240, 242

 45, 240, 222

 255, 240, 244

 21, 240, 220

 255, 240, 246

 0, 240, 218

 255, 240, 249

 255, 240, 251

 255, 240, 253

Harmonies

Analogous

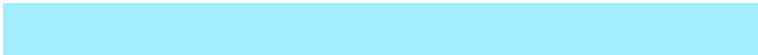
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



184, 239, 209



165, 240, 233



162, 238, 255

Triad

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



165, 240, 233



240, 218, 255



255, 219, 182

Complementary

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



165, 240, 233



240, 165, 172

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, 212, 197



165, 240, 233



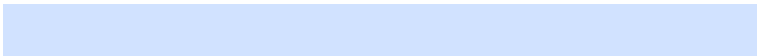
255, 211, 244

Square

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



165, 240, 233



209, 226, 255



255, 209, 220



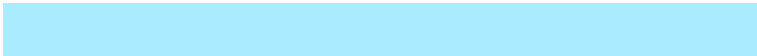
237, 227, 179

Rectangle

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



165, 240, 233



171, 235, 255



255, 209, 220



255, 217, 186

Sweetspot

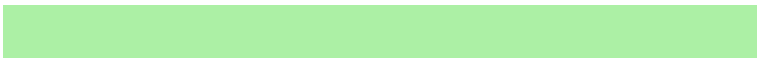
The Sweet Spot groups the original color and five complimentary colors.



165, 240, 233



232, 255, 253



172, 240, 165



113, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



165, 240, 233



158, 255, 246



165, 210, 240



108, 120, 119



0, 184, 166



0, 56, 51

Inverse Universe

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



240, 165, 172



255, 158, 167



240, 195, 165



120, 108, 109



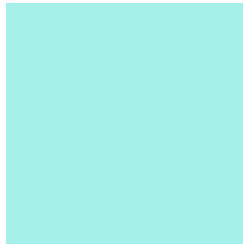
184, 0, 17



56, 0, 5

Previews

White Background



This preview shows how the RGB color 165, 240, 233 looks on a white background.

Color Contrast Check

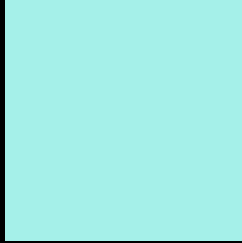
Large Text (above 18pt) WCAG AA × Fail

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, 240, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

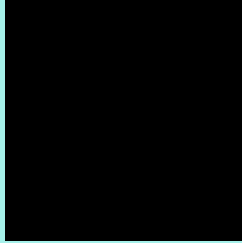
Any Text WCAG AA ✓ Pass

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, 240, 233 Background



This preview shows how black text looks on a background with the RGB color 165, 240, 233.

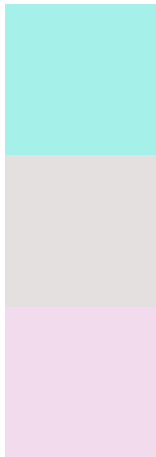


This preview shows how white text looks on a background with the RGB color 165, 240, 233.

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, 240, 233

Protanopia
229, 224, 224

Deuteranopia
242, 219, 237

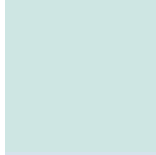


Tritanopia
172, 236, 255

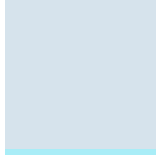
Trichromacy



Original Color
165, 240, 233



Protanomaly
206, 230, 227



Deuteranomaly
214, 227, 236

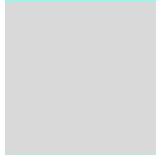


Tritanomaly
169, 237, 247

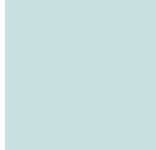
Monochromacy



Original Color
165, 240, 233



Achromatopsia
217, 217, 217



Achromatomaly
198, 225, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 240, 233 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, 240, 233)` looks like.

```
.text, #text, p{  
    color:rgb(165, 240, 233)  
}
```

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, 240, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 240, 233) }
```

Border

The CSS property to change the border of an element to RGB 165, 240, 233 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, 240, 233) }
```

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

```
.border{ border-color:rgb(165, 240, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 240, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 240, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 240, 233);  
box-shadow:4px 4px 4px 4px rgb(165, 240,  
233) }
```

Background

The CSS property to change the background color of an element to RGB 165, 240, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 240, 233) }
```

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

```
.background{ background-color: rgb(165,  
240, 233) }
```

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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