

Converting Colors

RGB(165, 242, 230)

Have a look what the booklet for
RGB(165, 242, 230) contains.

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Color

RGB(165, 242, 230)

Conversions

Conversions Part 1

Format	Color
Hex	A5F2E6
RGB	165, 242, 230
RGB Percent	65%, 95%, 90%
CMY	0.3529, 0.0510, 0.0980
CMYK	0.32, 0.00, 0.05, 0.05
HSL	171°, 75%, 80%
HSV	171°, 32%, 95%
XYZ	61.5521, 77.2168, 86.5231
YIQ	217.6090, -42.0400, -20.0560

Conversions

Conversions Part 2

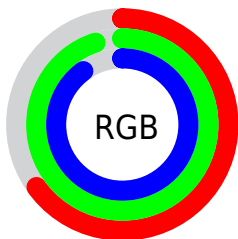
Format	Color
R_{YB}	165, 207, 242
Decimal	10875622
CIE _{Lab}	90.42, -26.13, -1.76
CIE _{LCh}	90, 26.187, 183.861
Yxy	77.2168, 0.2732, 0.3427
Android (android.graphics.Color)	4289065702 (0xFFA5F2E6)
YUV	217.6090, 6.1088, -46.1381
Hunter-Lab	87.8731, -28.7447, 3.1320

Details

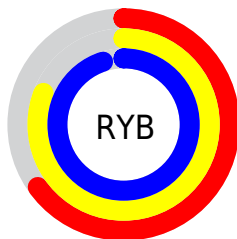
The RGB color **165, 242, 230** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **242, 165, 177**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **222, 255, 255**, and **110, 186, 175** is the 20% darker color. If you saturate the color by 10%, you get **141, 242, 226**, and if you desaturate by 10%, it is **189, 242, 234**.

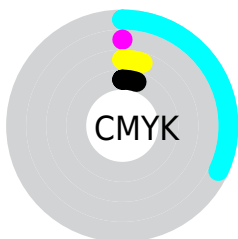
Distribution



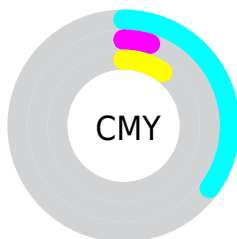
- Red (65%)
- Green (95%)
- Blue (90%)



- Red (65%)
- Yellow (81%)
- Blue (95%)



- Cyan (32%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (35%)
- Magenta (5%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 242, 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, 242, 230 by changing the saturation by 10% instead.

 165, 242, 230

 165, 242, 230


255, 255, 255


 137, 213, 202

 222, 255, 255


 110, 186, 175

 251, 255, 255


 83, 158, 148

 55, 132, 122

 24, 107, 97

 0, 82, 74


 0, 59, 51

 0, 37, 30

 0, 3, 6

 165, 242, 230

 165, 242, 230

 141, 242, 226

 189, 242, 234

 117, 242, 222

 213, 242, 238

 92, 242, 219

 238, 242, 241

 68, 242, 215

 255, 242, 245

 44, 242, 211

 255, 242, 249

 20, 242, 207

 255, 242, 253

 0, 242, 204

 255, 242, 255

Harmonies

Analogous

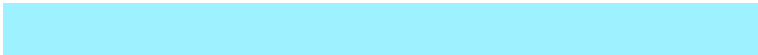
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



187, 240, 205



165, 242, 230



158, 241, 255

Triad

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



165, 242, 230



236, 220, 255



255, 219, 183

Complementary

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



165, 242, 230



242, 165, 177

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, 201



165, 242, 230



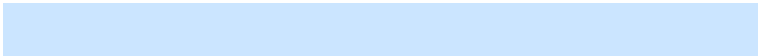
255, 213, 250

Square

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



165, 242, 230



203, 229, 255



255, 210, 225



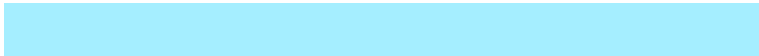
243, 227, 178

Rectangle

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



165, 242, 230



165, 238, 255



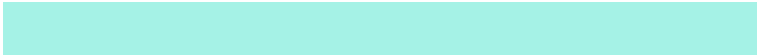
255, 210, 225



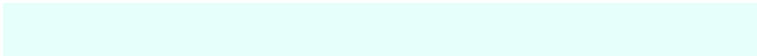
255, 216, 188

Sweetspot

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



165, 242, 230



230, 255, 251



178, 242, 165



112, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



165, 242, 230



158, 255, 240



165, 216, 242



108, 120, 118



0, 184, 155



0, 56, 47

Inverse Universe

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



242, 165, 177



255, 158, 173



242, 191, 165



120, 108, 110



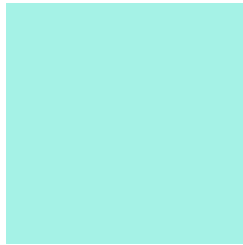
184, 0, 29



56, 0, 9

Previews

White Background



This preview shows how the RGB color 165, 242, 230 looks on a white background.

Color Contrast Check

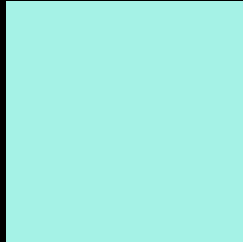
Large Text (above 18pt) WCAG AA × Fail

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, 242, 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, 242, 230 Background



This preview shows how black text looks on a background with the RGB color 165, 242, 230.

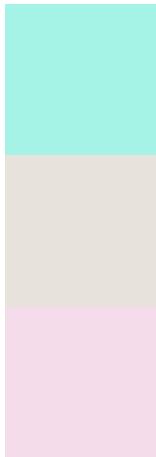


This preview shows how white text looks on a background with the RGB color 165, 242, 230.

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
165, 242, 230

Protanopia
232, 226, 221

Deuteranopia
245, 220, 235



Tritanopia
176, 237, 255

Trichromacy



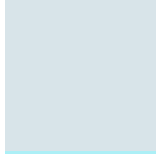
Original Color

165, 242, 230



Protanomaly

208, 232, 224



Deuteranomaly

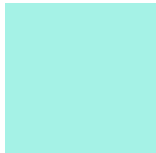
216, 228, 233



Tritanomaly

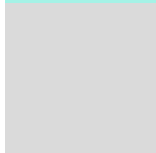
172, 239, 246

Monochromacy



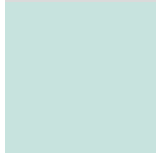
Original Color

165, 242, 230



Achromatopsia

218, 218, 218



Achromatomaly

199, 227, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 242, 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, 242, 230)` looks like.

```
.text, #text, p{  
    color:rgb(165, 242, 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, 242, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 242, 230) }
```

Border

The CSS property to change the border of an element to RGB 165, 242, 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, 242, 230) }
```

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

```
.border{ border-color:rgb(165, 242, 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, 242, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 242, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 242, 230);  
box-shadow:4px 4px 4px 4px rgb(165, 242,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 165, 242, 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, 242, 230) }
```

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

```
.background{ background-color: rgb(165,  
242, 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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