

Converting Colors

RGB(165, 235, 245)

Have a look what the booklet for
RGB(165, 235, 245) contains.

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Color

RGB(165, 235, 245)

Conversions

Conversions Part 1

Format	Color
Hex	A5EBF5
RGB	165, 235, 245
RGB Percent	65%, 92%, 96%
CMY	0.3529, 0.0784, 0.0392
CMYK	0.33, 0.04, 0.00, 0.04
HSL	188°, 80%, 80%
HSV	188°, 33%, 96%
XYZ	61.7068, 74.0086, 97.4190
YIQ	215.2100, -44.9300, -11.7300

Conversions

Conversions Part 2

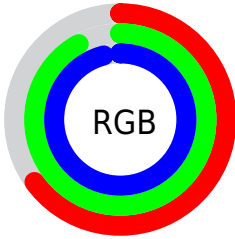
Format	Color
R _Y B	165, 202, 245
Decimal	10873845
CIE Lab	88.93, -19.32, -11.81
CIE LCh	89, 22.646, 211.436
Yxy	74.0086, 0.2647, 0.3175
Android (android.graphics.Color)	4289063925 (0xFFA5EBF5)
YUV	215.2100, 14.6865, -44.0342
Hunter-Lab	86.0282, -22.5139, -6.9207

Details

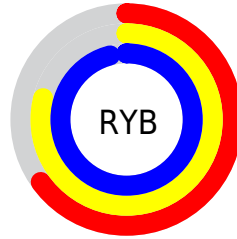
The RGB color **165, 235, 245** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **245, 175, 165**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **222, 255, 255**, and **110, 179, 189** is the 20% darker color. If you saturate the color by 10%, you get **141, 232, 245**, and if you desaturate by 10%, it is **190, 238, 245**.

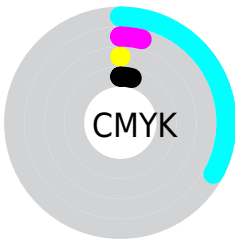
Distribution



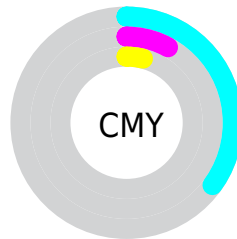
- Red (65%)
- Green (92%)
- Blue (96%)



- Red (65%)
- Yellow (79%)
- Blue (96%)



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



- Cyan (35%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 235, 245 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, 235, 245 by changing the saturation by 10% instead.


 165, 235, 245

 165, 235, 245


255, 255, 255


 137, 207, 217


 222, 255, 255

 110, 179, 189

 252, 255, 255

 82, 152, 162

 55, 126, 136

 22, 101, 110

 0, 77, 86


 0, 54, 63

 0, 33, 41

 0, 1, 21

 165, 235, 245

 165, 235, 245

 141, 232, 245

 190, 238, 245

 116, 229, 245

 214, 241, 245

 92, 226, 245

 239, 244, 245

 67, 223, 245

 255, 247, 245

 43, 220, 245

 255, 250, 245

 18, 217, 245

 255, 253, 245

 0, 214, 245

 255, 255, 245

Harmonies

Analogous

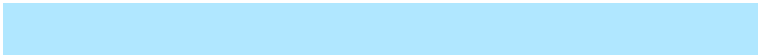
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



172, 236, 224



165, 235, 245



176, 231, 255

Triad

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



165, 235, 245



252, 211, 244



239, 222, 180

Complementary

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



165, 235, 245



245, 175, 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, 215, 186



165, 235, 245



255, 208, 223

Square

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



165, 235, 245



229, 217, 255



255, 210, 202



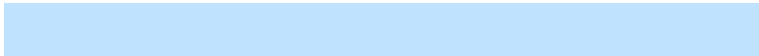
215, 229, 186

Rectangle

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



165, 235, 245



191, 227, 255



255, 210, 202



246, 220, 181

Sweetspot

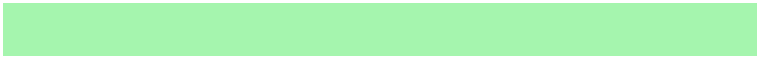
The Sweet Spot groups the original color and five complimentary colors.



165, 235, 245



230, 252, 255



165, 245, 174



112, 126, 128



0, 0, 0



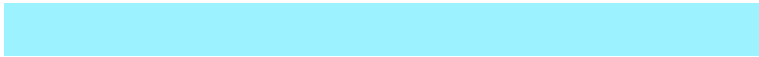
128, 128, 128

Same Dimension

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



165, 235, 245



156, 243, 255



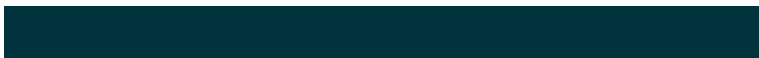
165, 196, 245



110, 121, 122



0, 163, 186



0, 51, 59

Inverse Universe

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



245, 165, 235



255, 156, 243



245, 214, 165



122, 110, 121



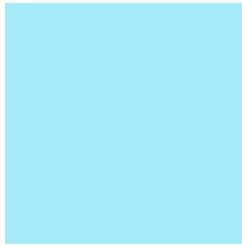
186, 0, 163



59, 0, 51

Previews

White Background



This preview shows how the RGB color 165, 235, 245 looks on a white background.

Color Contrast Check

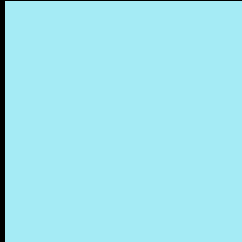
Large Text (above 18pt) WCAG AA × Fail

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, 235, 245 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, 235, 245 Background



This preview shows how black text looks on a background with the RGB color 165, 235, 245.



This preview shows how white text looks on a background with the RGB color 165, 235, 245.

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
167, 234, 253

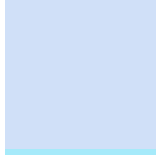
Trichromacy



Original Color
165, 235, 245



Protanomaly
201, 226, 239



Deuteranomaly
208, 224, 248

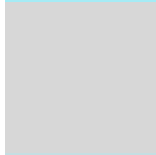


Tritanomaly
166, 234, 250

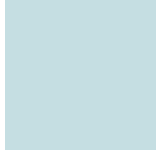
Monochromacy



Original Color
165, 235, 245



Achromatopsia
215, 215, 215



Achromatomaly
197, 222, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 235, 245 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, 235, 245)` looks like.

```
.text, #text, p{  
    color:rgb(165, 235, 245)  
}
```

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, 235, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 235, 245) }
```

Border

The CSS property to change the border of an element to RGB 165, 235, 245 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, 235, 245) }
```

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

```
.border{ border-color:rgb(165, 235, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 235, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 235, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 235, 245); box-shadow:4px 4px 4px 4px rgb(165, 235, 245) }
```

Background

The CSS property to change the background color of an element to RGB 165, 235, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 235, 245) }
```

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

```
.background{ background-color: rgb(165,  
235, 245) }
```

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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