

Converting Colors

RGB(164, 225, 235)

Have a look what the booklet for
RGB(164, 225, 235) contains.

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Color

RGB(164, 225, 235)

Conversions

Conversions Part 1

Format	Color
Hex	A4E1EB
RGB	164, 225, 235
RGB Percent	64%, 88%, 92%
CMY	0.3569, 0.1176, 0.0784
CMYK	0.30, 0.04, 0.00, 0.08
HSL	188°, 64%, 78%
HSV	188°, 30%, 92%
XYZ	57.2305, 67.7411, 88.6562
YIQ	207.9010, -39.5660, -9.8220

Conversions

Conversions Part 2

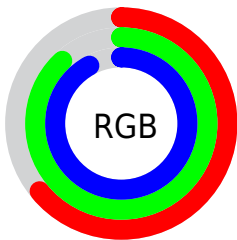
Format	Color
RYB	164, 197, 235
Decimal	10805739
CIELab	85.88, -16.91, -11.11
CIElCh	86, 20.232, 213.302
Yxy	67.7411, 0.2679, 0.3171
Android (android.graphics.Color)	4288995819 (0xFFA4E1EB)
YUV	207.9010, 13.3598, -38.5012
Hunter-Lab	82.3050, -19.9144, -6.2518

Details

The RGB color **164, 225, 235** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **235, 174, 164**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **221, 255, 255**, and **110, 170, 179** is the 20% darker color. If you saturate the color by 10%, you get **141, 222, 235**, and if you desaturate by 10%, it is **188, 228, 235**.

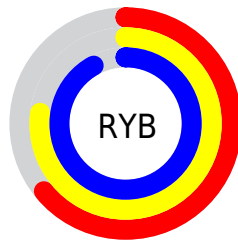
Distribution



Red (64%)

Green (88%)

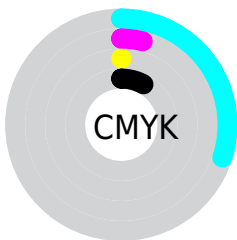
Blue (92%)



Red (64%)

Yellow (77%)

Blue (92%)

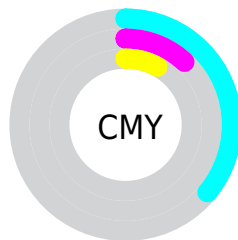


Cyan (30%)

Magenta (4%)

Yellow (0%)

Black (8%)



Cyan (36%)

Magenta (12%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 164, 225, 235 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 164, 225, 235 by changing the saturation by 10% instead.


 164, 225, 235


255, 255, 255


 221, 255, 255


 250, 255, 255

 164, 225, 235

 137, 197, 207

 110, 170, 179

 83, 143, 153

 56, 117, 127

 27, 93, 102

 0, 69, 78

 0, 46, 55

 0, 27, 33

 0, 0, 10

■ 164, 225, 235

■ 164, 225, 235

■ 141, 222, 235

■ 188, 228, 235

■ 117, 218, 235

■ 211, 232, 235

■ 94, 215, 235

■ 235, 235, 235

■ 70, 212, 235

■ 255, 238, 235

■ 47, 208, 235

■ 255, 242, 235

■ 23, 205, 235

■ 255, 245, 235

■ 0, 202, 235

■ 255, 248, 235

■ 255, 251, 235

■ 255, 255, 235

Harmonies

Analogous

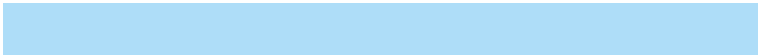
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169, 226, 216



164, 225, 235



174, 221, 248

Triad

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



164, 225, 235



242, 204, 232



228, 214, 177

Complementary

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



164, 225, 235



235, 174, 164

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.



245, 208, 181



164, 225, 235



253, 201, 213

Square

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



164, 225, 235



221, 209, 247



254, 203, 195



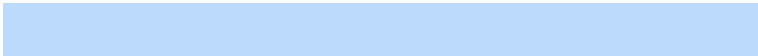
206, 220, 182

Rectangle

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



164, 225, 235



188, 218, 252



254, 203, 195



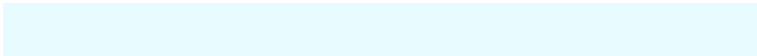
234, 212, 177

Sweetspot

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



164, 225, 235



232, 252, 255



164, 235, 173



113, 126, 128



0, 0, 0



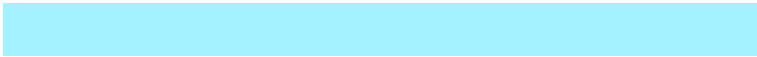
128, 128, 128

Same Dimension

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



164, 225, 235



163, 242, 255



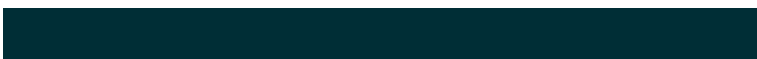
164, 190, 235



106, 116, 117



0, 156, 181



0, 46, 54

Inverse Universe

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



235, 164, 225



255, 163, 242



235, 209, 164



117, 106, 116



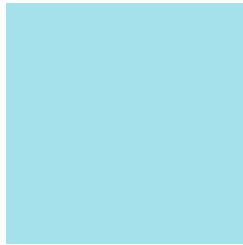
181, 0, 156



54, 0, 46

Previews

White Background



This preview shows how the RGB color 164, 225, 235 looks on a white background.

Color Contrast Check

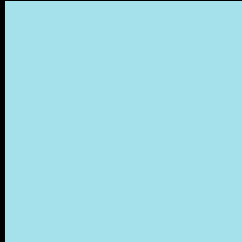
Large Text (above 18pt) WCAG AA × Fail

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 164, 225, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

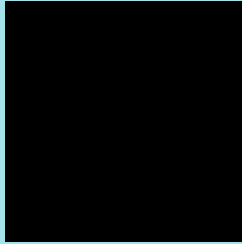
Any Text WCAG AA ✓ Pass

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 164, 225, 235 Background



This preview shows how black text looks on a background with the RGB color 164, 225, 235.

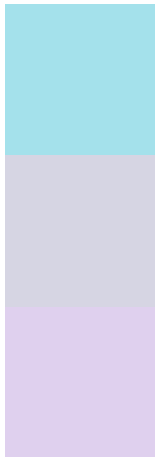


This preview shows how white text looks on a background with the RGB color 164, 225, 235.

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
164, 225, 235

Protanopia
214, 213, 227

Deuteranopia
223, 208, 238



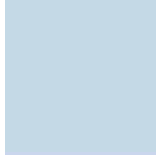
Tritanopia
166, 224, 242

Trichromacy



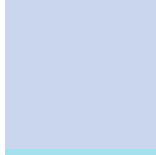
Original Color

164, 225, 235



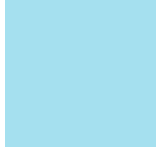
Protanomaly

196, 217, 230



Deuteranomaly

202, 214, 237



Tritanomaly

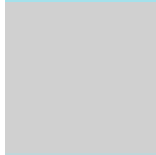
165, 224, 239

Monochromacy



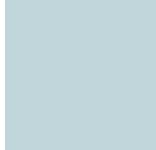
Original Color

164, 225, 235



Achromatopsia

208, 208, 208



Achromatomaly

192, 214, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 164, 225, 235 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(164, 225, 235)` looks like.

```
.text, #text, p{  
    color:rgb(164, 225, 235)  
}
```

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(164, 225, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 225, 235) }
```

Border

The CSS property to change the border of an element to RGB 164, 225, 235 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(164, 225, 235) }
```

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

```
.border{ border-color:rgb(164, 225, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 225, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 225, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 225, 235);  
box-shadow:4px 4px 4px 4px rgb(164, 225,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 164, 225, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 225, 235) }
```

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

```
.background{ background-color: rgb(164,  
225, 235) }
```

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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