

Converting Colors

RGB(164, 245, 236)

Have a look what the booklet for
RGB(164, 245, 236) contains.

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Color

RGB(164, 245, 236)

Conversions

Conversions Part 1

Format	Color
Hex	A4F5EC
RGB	164, 245, 236
RGB Percent	64%, 96%, 93%
CMY	0.3569, 0.0392, 0.0745
CMYK	0.33, 0.00, 0.04, 0.04
HSL	173°, 80%, 80%
HSV	173°, 33%, 96%
XYZ	63.1026, 79.2535, 91.3285
YIQ	219.7550, -45.3870, -19.9710

Conversions

Conversions Part 2

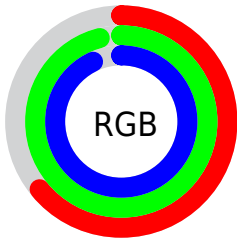
Format	Color
RYB	164, 207, 245
Decimal	10810860
CIELab	91.35, -26.52, -3.53
CIELCh	91, 26.758, 187.585
Yxy	79.2535, 0.2700, 0.3391
Android (android.graphics.Color)	4289000940 (0xFFA4F5EC)
YUV	219.7550, 8.0088, -48.8971
Hunter-Lab	89.0244, -29.2678, 1.4926

Details

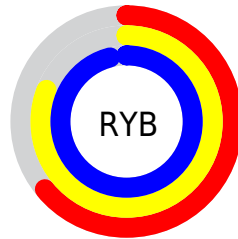
The RGB color **164, 245, 236** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **245, 164, 173**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **221, 255, 255**, and **109, 188, 180** is the 20% darker color. If you saturate the color by 10%, you get **139, 245, 233**, and if you desaturate by 10%, it is **189, 245, 239**.

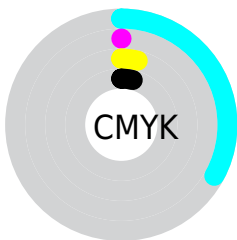
Distribution



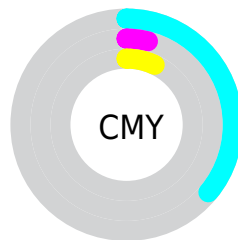
- Red (64%)
- Green (96%)
- Blue (93%)



- Red (64%)
- Yellow (81%)
- Blue (96%)



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



- Cyan (36%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 164, 245, 236 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, 245, 236 by changing the saturation by 10% instead.

 164, 245, 236

255, 255, 255


 221, 255, 255


 251, 255, 255


 164, 245, 236

 136, 216, 208


 109, 188, 180

 81, 161, 153


 53, 135, 128

 18, 109, 103

 0, 85, 79

 0, 61, 56

 0, 39, 34

 0, 10, 13

 164, 245, 236

 164, 245, 236

 139, 245, 233

 189, 245, 239

 115, 245, 231

 213, 245, 241

 91, 245, 228

 238, 245, 244

 66, 245, 225

 255, 245, 247

 42, 245, 222

 255, 245, 250

 17, 245, 220

 255, 245, 252

 0, 245, 218

 255, 245, 255

Harmonies

Analogous

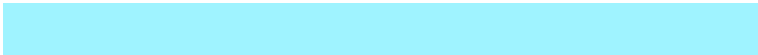
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



186, 243, 210



164, 245, 236



159, 243, 255

Triad

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



164, 245, 236



243, 221, 255



255, 222, 183

Complementary

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



164, 245, 236



245, 164, 173

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, 200



164, 245, 236



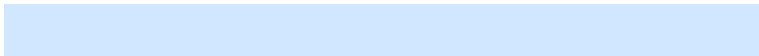
255, 214, 250

Square

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



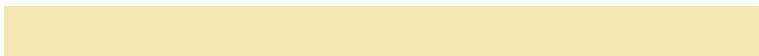
164, 245, 236



209, 230, 255



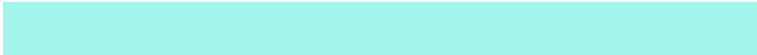
255, 212, 224



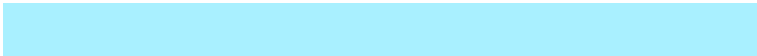
243, 231, 179

Rectangle

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



164, 245, 236



169, 240, 255



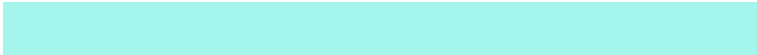
255, 212, 224



255, 219, 188

Sweetspot

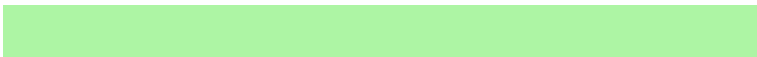
The Sweet Spot groups the original color and five complimentary colors.



164, 245, 236



230, 255, 252



173, 245, 164



112, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

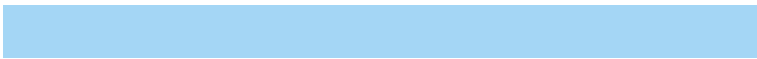
The Same Dimension uses a secret algorithm to generate beautiful new colors.



164, 245, 236



153, 255, 244



164, 214, 245



110, 122, 121



0, 186, 165



0, 59, 52

Inverse Universe

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



245, 164, 173



255, 153, 164



245, 195, 164



122, 110, 112



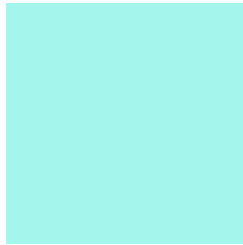
186, 0, 21



59, 0, 7

Previews

White Background



This preview shows how the RGB color 164, 245, 236 looks on a white background.

Color Contrast Check

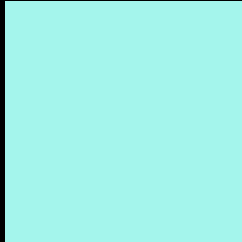
Large Text (above 18pt) WCAG AA × Fail

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, 245, 236 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, 245, 236 Background



This preview shows how black text looks on a background with the RGB color 164, 245, 236.

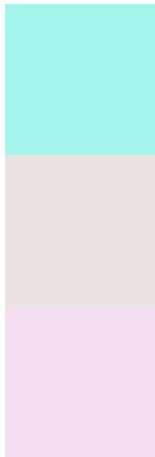


This preview shows how white text looks on a background with the RGB color 164, 245, 236.

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, 245, 236

Protanopia
234, 228, 226

Deuteranopia
246, 222, 241



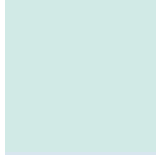
Tritanopia
183, 239, 255

Trichromacy



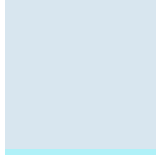
Original Color

164, 245, 236



Protanomaly

209, 234, 230



Deuteranomaly

216, 230, 239



Tritanomaly

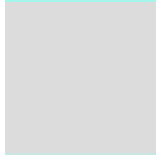
176, 241, 248

Monochromacy



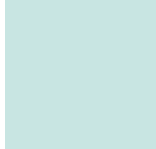
Original Color

164, 245, 236



Achromatopsia

220, 220, 220



Achromatomaly

200, 229, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 164, 245, 236 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, 245, 236)` looks like.

```
.text, #text, p{  
    color:rgb(164, 245, 236)  
}
```

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, 245, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 245, 236) }
```

Border

The CSS property to change the border of an element to RGB 164, 245, 236 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, 245, 236) }
```

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

```
.border{ border-color:rgb(164, 245, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 245, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 245, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 245, 236);  
box-shadow:4px 4px 4px 4px rgb(164, 245,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 164, 245, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 245, 236) }
```

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

```
.background{ background-color: rgb(164,  
245, 236) }
```

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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