Converting Colors

RGB(164, 236, 219)

Have a look what the booklet for RGB(164, 236, 219) contains.

Color

RGB(164, 236, 219)

Conversions

Conversions Part 1

Format	Color
Hex	A4ECDB
RGB	164, 236, 219
RGB Percent	64%, 93%, 86%
CMY	0.3569, 0.0745, 0.1412
CMYK	0.31, 0.00, 0.07, 0.07
HSL	166°, 65%, 78%
HSV	166°, 31%, 93%
XYZ	58.0915, 72.9979, 78.0461
YIQ	212.5340, -37.4550, -20.5510

Conversions

Conversions Part 2

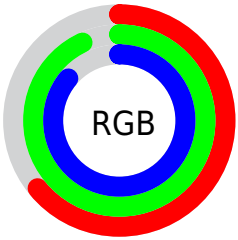
Format	Color
RYB	164, 205, 236
Decimal	10808539
CIELab	88.45, -25.88, 1.09
CIELCh	88, 25.903, 177.586
Yxy	72.9979, 0.2778, 0.3490
Android (android.graphics.Color)	4288998619 (0xFFA4ECDB)
YUV	212.5340, 3.1877, -42.5643
Hunter-Lab	85.4388, -28.1523, 5.6473

Details

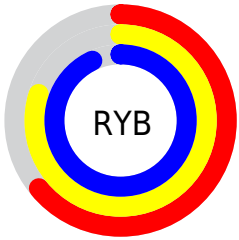
The RGB color 164, 236, 219 is a light color, and the websafe version is hex 99FFFF. A complement of this color would be 236, 164, 181, and the grayscale version is 213, 213, 213.

A 20% lighter version of the original color is 221, 255, 255, and 110, 180, 164 is the 20% darker color. If you saturate the color by 10%, you get 140, 236, 213, and if you desaturate by 10%, it is 188, 236, 225.

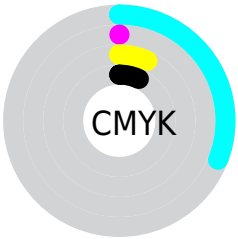
Distribution



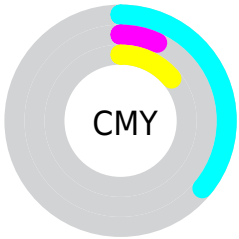
- Red (64%)
- Green (93%)
- Blue (86%)



- Red (64%)
- Yellow (80%)
- Blue (93%)



- Cyan (31%)
- Magenta (0%)
- Yellow (7%)
- Black (7%)



- Cyan (36%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 164, 236, 219 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, 236, 219 by changing the saturation by 10% instead.

164, 236, 219	164, 236, 219
255, 255, 255	137, 208, 191
221, 255, 255	110, 180, 164
250, 255, 255	83, 153, 138
	56, 127, 112
	27, 101, 88
	0, 77, 65
	0, 54, 43
	0, 33, 22
	0, 0, 0

164, 236, 219	164, 236, 219
140, 236, 213	188, 236, 225
117, 236, 208	211, 236, 230
93, 236, 202	235, 236, 236
70, 236, 197	255, 236, 241
46, 236, 191	255, 236, 247
22, 236, 186	255, 236, 252
0, 236, 180	255, 236, 255

Harmonies

Analogous

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

188, 233, 195

164, 236, 219

153, 235, 244

Triad

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

164, 236, 219

224, 216, 255

255, 212, 181

Complementary

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

164, 236, 219

236, 164, 181

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, 206, 200

164, 236, 219

252, 209, 249

Square

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

164, 236, 219

190, 225, 255

255, 205, 225

243, 220, 173

Rectangle

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

164, 236, 219

157, 233, 255

255, 205, 225

255, 209, 187

Sweetspot

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

164, 236, 219

232, 255, 250

182, 236, 164

113, 128, 124

0, 0, 0

128, 128, 128

Same Dimension

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

164, 236, 219

161, 255, 233

164, 218, 236

106, 117, 115

0, 181, 138

0, 54, 41

Inverse Universe

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

236, 164, 181

255, 161, 183

236, 182, 164

117, 106, 108

181, 0, 43

54, 0, 13

Previews

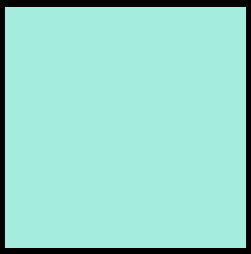
White Background

This preview shows how the RGB color 164, 236, 219 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



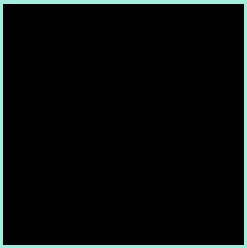
This preview shows how the RGB color 164, 236, 219 looks on a black background.

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, 236, 219 Background



This preview shows how black text looks on a background with the RGB color 164, 236, 219.

This preview shows how white text looks on a background with the RGB color 164, 236, 219.

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, 236, 219

Protanopia
228, 220, 210

Deuteranopia
241, 214, 224

Tritanopia
171, 231, 250

Trichromacy

Original Color
164, 236, 219

Protanomaly
205, 226, 213

Deuteranomaly
213, 222, 222

Tritanomaly
168, 233, 239

Monochromacy

Original Color
164, 236, 219

Achromatopsia
213, 213, 213

Achromatomaly
195, 221, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 164, 236, 219 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, 236, 219) looks like.

```
.text, #text, p{
    color:rgb(164, 236, 219)
}
```

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, 236, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 236, 219) }
```

Border

The CSS property to change the border of an element to RGB 164, 236, 219 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, 236, 219) }
```

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

```
.border{ border-color:rgb(164, 236, 219) }
```

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

Here you see how a box with a 4 pixel rgb(164, 236, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 236, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 236, 219); box-shadow:4px 4px 4px 4px rgb(164, 236, 219) }
```

Background

The CSS property to change the background color of an element to RGB 164, 236, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(164, 236, 219) }
```

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

```
.background{ background-color:rgb(164,
236, 219) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor