

Converting Colors

RGB(164, 230, 216)

Have a look what the booklet for
RGB(164, 230, 216) contains.

RGB(164, 230, 216)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(164, 230, 216)

Conversions

Conversions Part 1

Format	Color
Hex	A4E6D8
RGB	164, 230, 216
RGB Percent	64%, 90%, 85%
CMY	0.3569, 0.0980, 0.1529
CMYK	0.29, 0.00, 0.06, 0.10
HSL	167°, 57%, 77%
HSV	167°, 29%, 90%
XYZ	56.0013, 69.4440, 75.4182
YIQ	208.6700, -34.8420, -18.3460

Conversions

Conversions Part 2

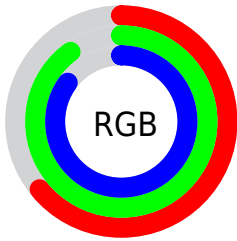
Format	Color
RYB	164, 201, 230
Decimal	10807000
CIELab	86.72, -23.60, 0.15
CIELCh	87, 23.604, 179.631
Yxy	69.4440, 0.2788, 0.3457
Android (android.graphics.Color)	4288997080 (0xFFA4E6D8)
YUV	208.6700, 3.6137, -39.1756
Hunter-Lab	83.3331, -25.8777, 4.6744

Details

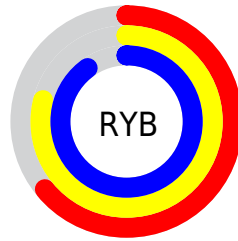
The RGB color **164, 230, 216** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **230, 164, 178**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **220, 255, 255**, and **110, 174, 161** is the 20% darker color. If you saturate the color by 10%, you get **141, 230, 211**, and if you desaturate by 10%, it is **187, 230, 221**.

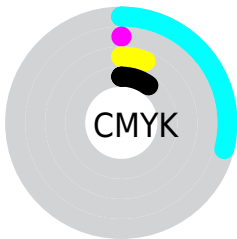
Distribution



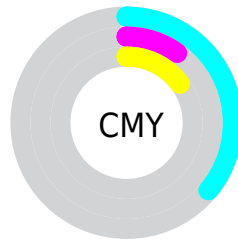
- Red (64%)
- Green (90%)
- Blue (85%)



- Red (64%)
- Yellow (79%)
- Blue (90%)



- Cyan (29%)
- Magenta (0%)
- Yellow (6%)
- Black (10%)



- Cyan (36%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 164, 230, 216 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, 230, 216 by changing the saturation by 10% instead.


 164, 230, 216

 164, 230, 216


255, 255, 255


 137, 202, 188

 220, 255, 255

 110, 174, 161

 250, 255, 255

 84, 147, 135

 58, 122, 110

 30, 96, 85

 0, 72, 62


 0, 49, 41

 0, 30, 20

 0, 0, 0

 164, 230, 216

 164, 230, 216

 141, 230, 211

 187, 230, 221

 118, 230, 206

 210, 230, 226

 95, 230, 201

 233, 230, 231

 72, 230, 196

 255, 230, 236

 49, 230, 192

 255, 230, 240

 26, 230, 187

 255, 230, 245

 3, 230, 182

 255, 230, 250

 0, 230, 181

 255, 230, 255

Harmonies

Analogous

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



185, 228, 194



164, 230, 216



156, 229, 238

Triad

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



164, 230, 216



221, 211, 255



254, 208, 179

Complementary

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



164, 230, 216



230, 164, 178

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, 203, 196



164, 230, 216



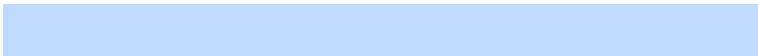
246, 205, 240

Square

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



164, 230, 216



191, 219, 255



255, 201, 218



235, 215, 173

Rectangle

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



164, 230, 216



160, 227, 250



255, 201, 218



255, 206, 184

Sweetspot

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



164, 230, 216



232, 255, 250



178, 230, 164



113, 128, 125



0, 0, 0



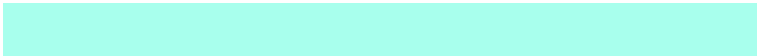
128, 128, 128

Same Dimension

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



164, 230, 216



168, 255, 237



164, 211, 230



103, 115, 112



0, 179, 141



0, 51, 40

Inverse Universe

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



230, 164, 178



255, 168, 187



230, 183, 164



115, 103, 106



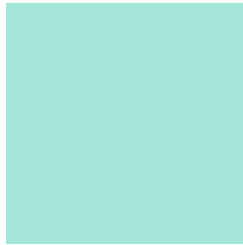
179, 0, 38



51, 0, 11

Previews

White Background



This preview shows how the RGB color 164, 230, 216 looks on a white background.

Color Contrast Check

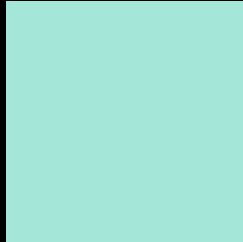
Large Text (above 18pt) WCAG AA × Fail

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, 230, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

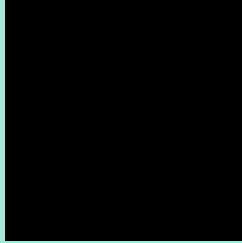
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

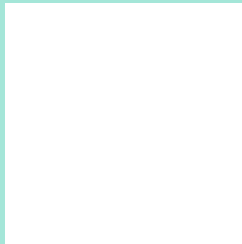
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 164, 230, 216 Background



This preview shows how black text looks on a background with the RGB color 164, 230, 216.

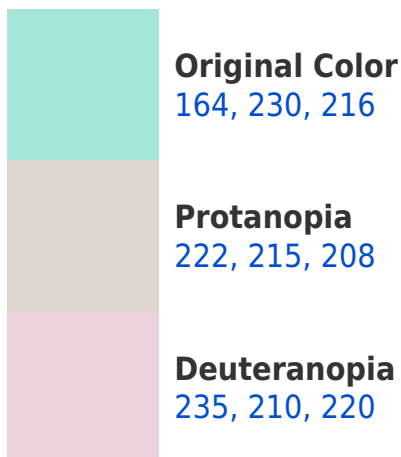


This preview shows how white text looks on a background with the RGB color 164, 230, 216.

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
170, 226, 244

Trichromacy



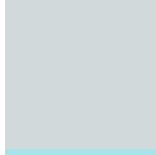
Original Color

164, 230, 216



Protanomaly

201, 220, 211



Deuteranomaly

209, 217, 219



Tritanomaly

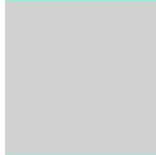
168, 227, 234

Monochromacy



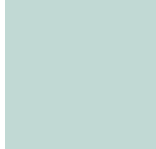
Original Color

164, 230, 216



Achromatopsia

209, 209, 209



Achromatomaly

193, 217, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 164, 230, 216 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, 230, 216)` looks like.

```
.text, #text, p{  
    color:rgb(164, 230, 216)  
}
```

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, 230, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 230, 216) }
```

Border

The CSS property to change the border of an element to RGB 164, 230, 216 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, 230, 216) }
```

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

```
.border{ border-color:rgb(164, 230, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 230, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 230, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 230, 216);  
box-shadow:4px 4px 4px 4px rgb(164, 230,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 164, 230, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 230, 216) }
```

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

```
.background{ background-color: rgb(164,  
230, 216) }
```

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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