

Converting Colors

RGB(164, 220, 210)

Have a look what the booklet for
RGB(164, 220, 210) contains.

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Color

RGB(164, 220, 210)

Conversions

Conversions Part 1

Format	Color
Hex	A4DCD2
RGB	164, 220, 210
RGB Percent	64%, 86%, 82%
CMY	0.3569, 0.1373, 0.1765
CMYK	0.25, 0.00, 0.05, 0.14
HSL	169°, 44%, 75%
HSV	169°, 25%, 86%
XYZ	52.5359, 63.7321, 70.5053
YIQ	202.1160, -30.1660, -14.9820

Conversions

Conversions Part 2

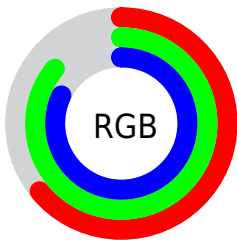
Format	Color
RYB	164, 195, 220
Decimal	10804434
CIELab	83.83, -19.95, -0.91
CIELCh	84, 19.967, 182.625
Yxy	63.7321, 0.2813, 0.3412
Android (android.graphics.Color)	4288994514 (0xFFA4DCD2)
YUV	202.1160, 3.8868, -33.4277
Hunter-Lab	79.8324, -22.2397, 3.5196

Details

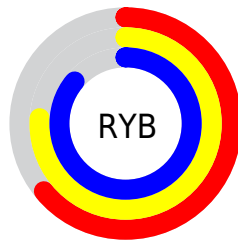
The RGB color **164, 220, 210** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **220, 164, 174**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **220, 255, 255**, and **111, 165, 156** is the 20% darker color. If you saturate the color by 10%, you get **142, 220, 206**, and if you desaturate by 10%, it is **186, 220, 214**.

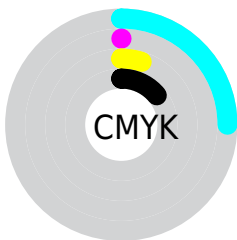
Distribution



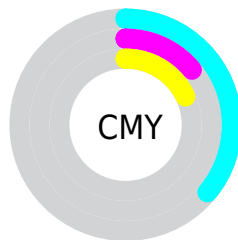
- Red (64%)
- Green (86%)
- Blue (82%)



- Red (64%)
- Yellow (76%)
- Blue (86%)



- Cyan (25%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (36%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 164, 220, 210 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, 220, 210 by changing the saturation by 10% instead.

 164, 220, 210


255, 255, 255


 220, 255, 255


 249, 255, 255

 164, 220, 210

 137, 192, 182

 111, 165, 156

 85, 138, 130

 60, 113, 104

 34, 88, 80

 3, 65, 58

 0, 42, 36

 0, 22, 15

 0, 0, 0

 164, 220, 210

 164, 220, 210

 142, 220, 206

 186, 220, 214

 120, 220, 202

 208, 220, 218

 98, 220, 198

 230, 220, 222

 76, 220, 194

 252, 220, 226

 54, 220, 190

 255, 220, 230

 32, 220, 186

 255, 220, 234

 10, 220, 182

 255, 220, 238

 0, 220, 181

 255, 220, 241

 255, 220, 245

Harmonies

Analogous

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



180, 218, 191



164, 220, 210



159, 219, 229

Triad

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



164, 220, 210



215, 204, 241



239, 202, 176

Complementary

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



164, 220, 210



220, 164, 174

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.



248, 197, 190



164, 220, 210



235, 198, 227

Square

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



164, 220, 210



190, 210, 246



247, 196, 208



222, 208, 172

Rectangle

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



164, 220, 210



164, 217, 238



247, 196, 208



243, 200, 180

Sweetspot

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



164, 220, 210



235, 255, 251



174, 220, 164



115, 128, 125



0, 0, 0



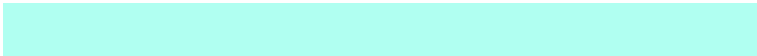
128, 128, 128

Same Dimension

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



164, 220, 210



176, 255, 241



164, 202, 220



99, 110, 108



0, 173, 142



0, 46, 38

Inverse Universe

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



220, 164, 174



255, 176, 190



220, 182, 164



110, 99, 101



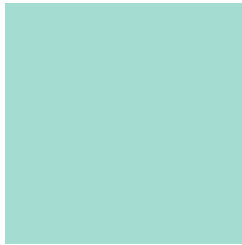
173, 0, 31



46, 0, 8

Previews

White Background



This preview shows how the RGB color 164, 220, 210 looks on a white background.

Color Contrast Check

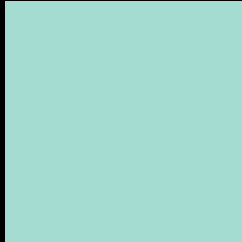
Large Text (above 18pt) WCAG AA × Fail

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, 220, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

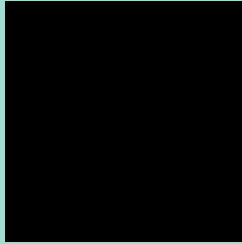
Any Text WCAG AA ✓ Pass

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, 220, 210 Background



This preview shows how black text looks on a background with the RGB color 164, 220, 210.

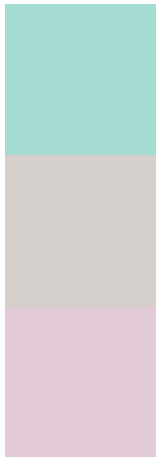


This preview shows how white text looks on a background with the RGB color 164, 220, 210.

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](#).

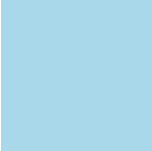
Dichromacy



Original Color
164, 220, 210

Protanopia
213, 207, 203

Deuteranopia
226, 202, 214



Tritanopia
169, 216, 234

Trichromacy



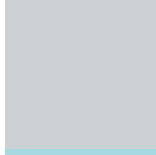
Original Color

164, 220, 210



Protanomaly

195, 212, 206



Deuteranomaly

203, 209, 213



Tritanomaly

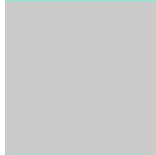
167, 217, 225

Monochromacy



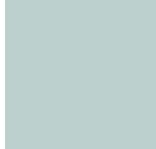
Original Color

164, 220, 210



Achromatopsia

202, 202, 202



Achromatomaly

188, 209, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 164, 220, 210 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, 220, 210)` looks like.

```
.text, #text, p{  
    color:rgb(164, 220, 210)  
}
```

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, 220, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 220, 210) }
```

Border

The CSS property to change the border of an element to RGB 164, 220, 210 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, 220, 210) }
```

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

```
.border{ border-color:rgb(164, 220, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 220, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 220, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 220, 210);  
box-shadow:4px 4px 4px 4px rgb(164, 220,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 164, 220, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 220, 210) }
```

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

```
.background{ background-color: rgb(164,  
220, 210) }
```

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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