

Converting Colors

RGB(164, 205, 211)

Have a look what the booklet for
RGB(164, 205, 211) contains.

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Color

RGB(164, 205, 211)

Conversions

Conversions Part 1

Format	Color
Hex	A4CDD3
RGB	164, 205, 211
RGB Percent	64%, 80%, 83%
CMY	0.3569, 0.1961, 0.1725
CMYK	0.22, 0.03, 0.00, 0.17
HSL	188°, 35%, 74%
HSV	188°, 22%, 83%
XYZ	48.8990, 56.2583, 69.9097
YIQ	193.4250, -26.3620, -6.8260

Conversions

Conversions Part 2

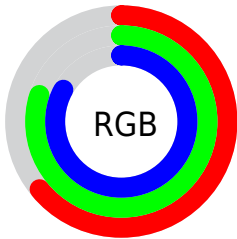
Format	Color
RYB	164, 186, 211
Decimal	10800595
CIELab	79.76, -12.12, -7.44
CIELCh	80, 14.218, 211.531
Yxy	56.2583, 0.2793, 0.3214
Android (android.graphics.Color)	4288990675 (0xFFA4CDD3)
YUV	193.4250, 8.6645, -25.8057
Hunter-Lab	75.0055, -14.8886, -2.7580

Details

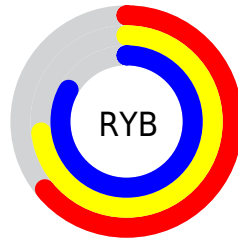
The RGB color **164, 205, 211** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **211, 170, 164**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **220, 255, 255**, and **111, 151, 157** is the 20% darker color. If you saturate the color by 10%, you get **143, 202, 211**, and if you desaturate by 10%, it is **185, 208, 211**.

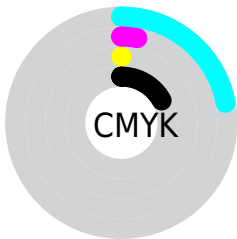
Distribution



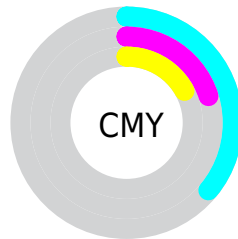
- Red (64%)
- Green (80%)
- Blue (83%)



- Red (64%)
- Yellow (73%)
- Blue (83%)



- Cyan (22%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (36%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 164, 205, 211 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, 205, 211 by changing the saturation by 10% instead.


 164, 205, 211


255, 255, 255


 220, 255, 255


 249, 255, 255

 164, 205, 211

 137, 178, 183

 111, 151, 157

 86, 125, 130

 61, 100, 105

 37, 76, 81

 10, 53, 58

 0, 32, 37

 0, 1, 16

 0, 0, 0

 164, 205, 211


 164, 205, 211

 143, 202, 211


 185, 208, 211

 122, 200, 211


 206, 210, 211

 101, 197, 211


 227, 213, 211

 80, 194, 211


 248, 216, 211

 59, 192, 211


 255, 218, 211

 37, 189, 211

 255, 221, 211

 16, 186, 211

 255, 224, 211

 0, 184, 211

 255, 227, 211

 255, 229, 211

Harmonies

Analogous

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



167, 206, 198



164, 205, 211



170, 203, 221

Triad

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



164, 205, 211



216, 190, 211



208, 197, 171

Complementary

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



164, 205, 211



211, 170, 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.



220, 193, 175



164, 205, 211



225, 189, 197

Square

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



164, 205, 211



201, 194, 220



226, 190, 184



193, 201, 175

Rectangle

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



164, 205, 211



179, 200, 224



226, 190, 184



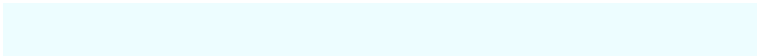
212, 195, 172

Sweetspot

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



164, 205, 211



237, 253, 255



164, 211, 169



117, 126, 128



0, 0, 0



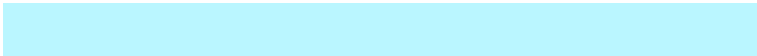
128, 128, 128

Same Dimension

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



164, 205, 211



186, 246, 255



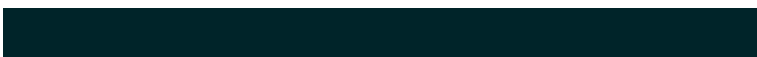
164, 182, 211



94, 103, 105



0, 147, 168



0, 36, 41

Inverse Universe

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



211, 164, 205



255, 186, 246



211, 193, 164



105, 94, 103



168, 0, 147



41, 0, 36

Previews

White Background



This preview shows how the RGB color 164, 205, 211 looks on a white background.

Color Contrast Check

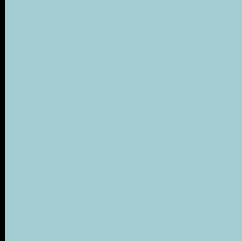
Large Text (above 18pt) WCAG AA × Fail

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, 205, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

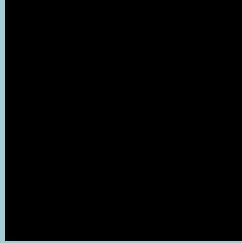
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

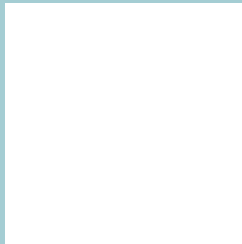
Any Text WCAG AAA ✓ Pass

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

RGB 164, 205, 211 Background



This preview shows how black text looks on a background with the RGB color 164, 205, 211.

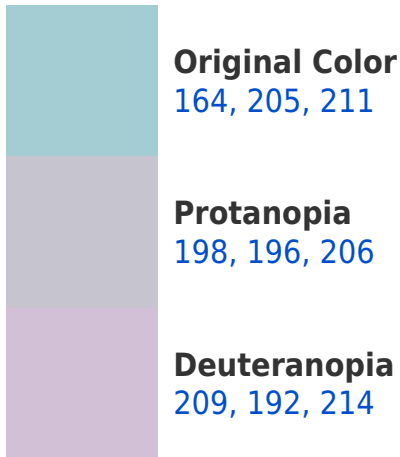


This preview shows how white text looks on a background with the RGB color 164, 205, 211.

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](#).

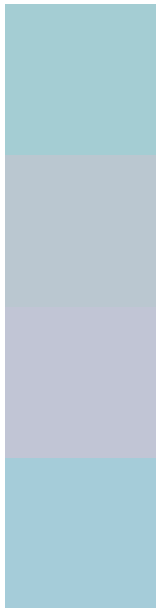
Dichromacy





Tritanopia
166, 204, 220

Trichromacy



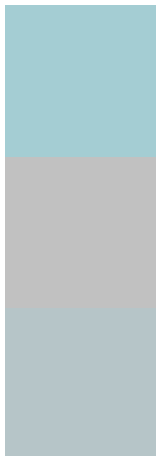
Original Color
164, 205, 211

Protanomaly
186, 199, 208

Deuteranomaly
193, 197, 213

Tritanomaly
165, 204, 217

Monochromacy



Original Color
164, 205, 211

Achromatopsia
193, 193, 193

Achromatomaly
182, 197, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 164, 205, 211 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, 205, 211)` looks like.

```
.text, #text, p{  
    color:rgb(164, 205, 211)  
}
```

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, 205, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 205, 211) }
```

Border

The CSS property to change the border of an element to RGB 164, 205, 211 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, 205, 211) }
```

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

```
.border{ border-color:rgb(164, 205, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 205, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 205, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 205, 211);  
box-shadow:4px 4px 4px 4px rgb(164, 205,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 164, 205, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 205, 211) }
```

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

```
.background{ background-color: rgb(164,  
205, 211) }
```

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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