

Converting Colors

RGB(163, 217, 208)

Have a look what the booklet for
RGB(163, 217, 208) contains.

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Color

RGB(163, 217, 208)

Conversions

Conversions Part 1

Format	Color
Hex	A3D9D0
RGB	163, 217, 208
RGB Percent	64%, 85%, 82%
CMY	0.3608, 0.1490, 0.1843
CMYK	0.25, 0.00, 0.04, 0.15
HSL	170°, 42%, 75%
HSV	170°, 25%, 85%
XYZ	51.3023, 61.9663, 68.9313
YIQ	199.8280, -29.2950, -14.2470

Conversions

Conversions Part 2

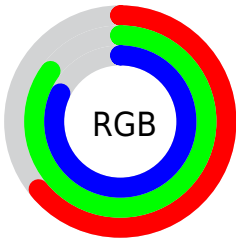
Format	Color
RYB	163, 192, 217
Decimal	10738128
CIELab	82.90, -19.17, -1.22
CIELCh	83, 19.211, 183.646
Yxy	61.9663, 0.2816, 0.3401
Android (android.graphics.Color)	4288928208 (0xFFA3D9D0)
YUV	199.8280, 4.0288, -32.2982
Hunter-Lab	78.7187, -21.4263, 3.1848

Details

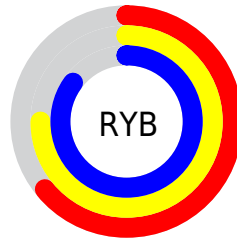
The RGB color **163, 217, 208** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **217, 163, 172**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **219, 255, 255**, and **110, 162, 154** is the 20% darker color. If you saturate the color by 10%, you get **141, 217, 204**, and if you desaturate by 10%, it is **185, 217, 212**.

Distribution



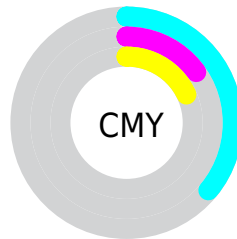
- Red (64%)
- Green (85%)
- Blue (82%)



- Red (64%)
- Yellow (75%)
- Blue (85%)



- Cyan (25%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (36%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 163, 217, 208 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 163, 217, 208 by changing the saturation by 10% instead.


 163, 217, 208


255, 255, 255


 219, 255, 255


 248, 255, 255

 163, 217, 208

 136, 189, 180

 110, 162, 154


 84, 136, 128

 59, 110, 103

 34, 86, 79

 4, 62, 56


 0, 40, 35

 0, 18, 13

 0, 0, 0

 163, 217, 208

 163, 217, 208

 141, 217, 204

 185, 217, 212

 120, 217, 201

 206, 217, 215

 98, 217, 197

 228, 217, 219

 76, 217, 194

 250, 217, 222

 54, 217, 190

 255, 217, 226

 33, 217, 186

 255, 217, 230

 11, 217, 183

 255, 217, 233

 0, 217, 181

 255, 217, 237

 255, 217, 241

Harmonies

Analogous

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



178, 215, 190



163, 217, 208



159, 216, 226

Triad

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



163, 217, 208



213, 201, 236



235, 200, 175

Complementary

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



163, 217, 208



217, 163, 172

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.



244, 195, 187



163, 217, 208



232, 196, 223

Square

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



163, 217, 208



189, 207, 242



243, 194, 205



218, 206, 171

Rectangle

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



163, 217, 208



164, 214, 235



243, 194, 205



239, 198, 178

Sweetspot

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



163, 217, 208



237, 255, 252



172, 217, 163



117, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



163, 217, 208



179, 255, 242



163, 199, 217



99, 110, 108



0, 173, 144



0, 46, 38

Inverse Universe

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



217, 163, 172



255, 179, 191



217, 181, 163



110, 99, 101



173, 0, 29



46, 0, 8

Previews

White Background



This preview shows how the RGB color 163, 217, 208 looks on a white background.

Color Contrast Check

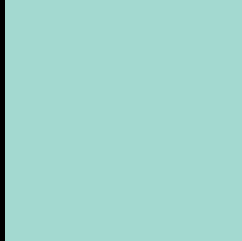
Large Text (above 18pt) WCAG AA × Fail

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 163, 217, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

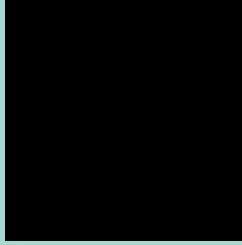
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

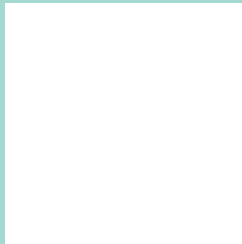
Any Text WCAG AAA ✓ Pass

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

RGB 163, 217, 208 Background



This preview shows how black text looks on a background with the RGB color 163, 217, 208.

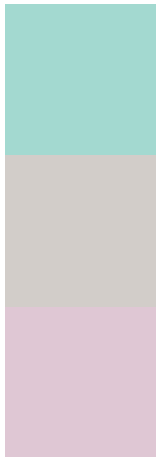


This preview shows how white text looks on a background with the RGB color 163, 217, 208.

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
163, 217, 208

Protanopia
210, 205, 201

Deuteranopia
223, 199, 212



Tritanopia
168, 214, 231

Trichromacy



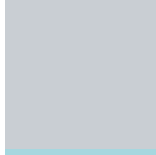
Original Color

163, 217, 208



Protanomaly

193, 209, 204



Deuteranomaly

201, 206, 211



Tritanomaly

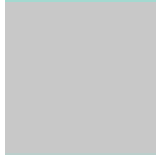
166, 215, 223

Monochromacy



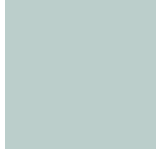
Original Color

163, 217, 208



Achromatopsia

200, 200, 200



Achromatomaly

187, 206, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 163, 217, 208 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(163, 217, 208)` looks like.

```
.text, #text, p{  
    color:rgb(163, 217, 208)  
}
```

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(163, 217, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 217, 208) }
```

Border

The CSS property to change the border of an element to RGB 163, 217, 208 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(163, 217, 208) }
```

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

```
.border{ border-color:rgb(163, 217, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 217, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 217, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 217, 208); box-shadow:4px 4px 4px 4px rgb(163, 217, 208) }
```

Background

The CSS property to change the background color of an element to RGB 163, 217, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 217, 208) }
```

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

```
.background{ background-color: rgb(163,  
217, 208) }
```

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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