

Converting Colors

RGB(163, 227, 218)

Have a look what the booklet for
RGB(163, 227, 218) contains.

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Color

RGB(163, 227, 218)

Conversions

Conversions Part 1

Format	Color
Hex	A3E3DA
RGB	163, 227, 218
RGB Percent	64%, 89%, 85%
CMY	0.3608, 0.1098, 0.1451
CMYK	0.28, 0.00, 0.04, 0.11
HSL	172°, 53%, 76%
HSV	172°, 28%, 89%
XYZ	55.2282, 67.7867, 76.5030
YIQ	206.8380, -35.2550, -16.3670

Conversions

Conversions Part 2

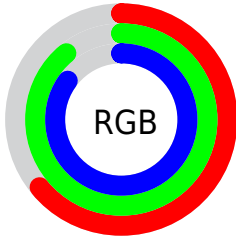
Format	Color
RYB	163, 197, 227
Decimal	10740698
CIELab	85.90, -21.99, -2.11
CIELCh	86, 22.092, 185.488
Yxy	67.7867, 0.2768, 0.3398
Android (android.graphics.Color)	4288930778 (0xFFA3E3DA)
YUV	206.8380, 5.5029, -38.4459
Hunter-Lab	82.3327, -24.3455, 2.5410

Details

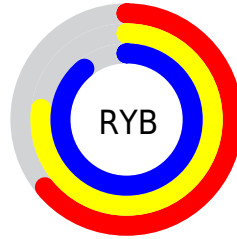
The RGB color **163, 227, 218** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **227, 163, 172**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **219, 255, 255**, and **109, 171, 163** is the 20% darker color. If you saturate the color by 10%, you get **140, 227, 215**, and if you desaturate by 10%, it is **186, 227, 221**.

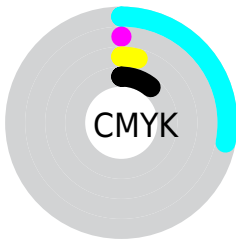
Distribution



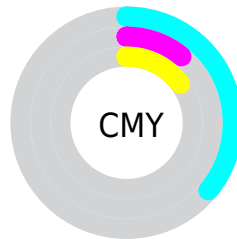
- Red (64%)
- Green (89%)
- Blue (85%)



- Red (64%)
- Yellow (77%)
- Blue (89%)



- Cyan (28%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (36%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 163, 227, 218 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, 227, 218 by changing the saturation by 10% instead.

 163, 227, 218

255, 255, 255

 219, 255, 255


 248, 255, 255

 163, 227, 218

 136, 199, 190

 109, 171, 163

 83, 145, 137

 57, 119, 112

 29, 94, 87

 0, 70, 64

 0, 47, 42

 0, 28, 22

 0, 0, 0

 163, 227, 218

 163, 227, 218

 140, 227, 215

 186, 227, 221

 118, 227, 212

 208, 227, 224

 95, 227, 208

 231, 227, 228

 72, 227, 205

 254, 227, 231

 49, 227, 202

 255, 227, 234

 27, 227, 199

 255, 227, 237

 4, 227, 196

 255, 227, 240

 0, 227, 195

 255, 227, 244

 255, 227, 247

Harmonies

Analogous

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



180, 225, 197



163, 227, 218



159, 226, 238

Triad

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



163, 227, 218



223, 208, 249



246, 208, 177

Complementary

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



163, 227, 218



227, 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.



255, 202, 191



163, 227, 218



245, 202, 233

Square

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



163, 227, 218



196, 215, 255



255, 200, 212



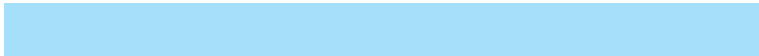
227, 215, 173

Rectangle

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



163, 227, 218



165, 223, 249



255, 200, 212



251, 206, 181

Sweetspot

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



163, 227, 218



235, 255, 252



173, 227, 163



115, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



163, 227, 218



168, 255, 243



163, 205, 227



103, 115, 113



0, 179, 153



0, 51, 44

Inverse Universe

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



227, 163, 172



255, 168, 180



227, 185, 163



115, 103, 105



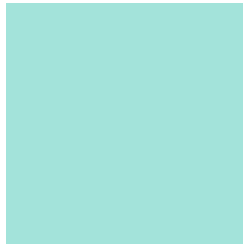
179, 0, 25



51, 0, 7

Previews

White Background



This preview shows how the RGB color 163, 227, 218 looks on a white background.

Color Contrast Check

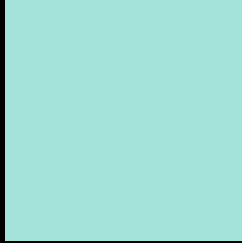
Large Text (above 18pt) WCAG AA × Fail

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, 227, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

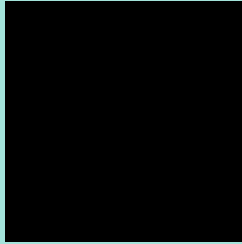
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

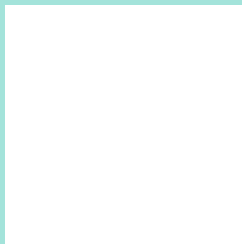
Any Text WCAG AAA ✓ Pass

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

RGB 163, 227, 218 Background



This preview shows how black text looks on a background with the RGB color 163, 227, 218.

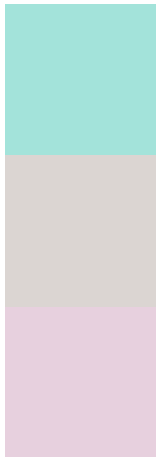


This preview shows how white text looks on a background with the RGB color 163, 227, 218.

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, 227, 218

Protanopia
219, 213, 210

Deuteranopia
231, 208, 222

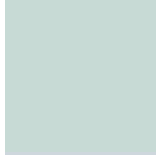


Tritanopia
168, 223, 241

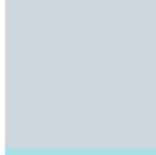
Trichromacy



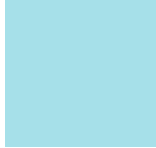
Original Color
163, 227, 218



Protanomaly
199, 218, 213



Deuteranomaly
206, 215, 221

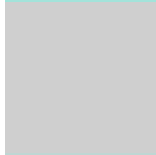


Tritanomaly
166, 224, 233

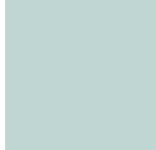
Monochromacy



Original Color
163, 227, 218



Achromatopsia
207, 207, 207



Achromatomaly
191, 214, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 163, 227, 218 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, 227, 218)` looks like.

```
.text, #text, p{  
    color:rgb(163, 227, 218)  
}
```

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, 227, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 227, 218) }
```

Border

The CSS property to change the border of an element to RGB 163, 227, 218 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, 227, 218) }
```

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

```
.border{ border-color:rgb(163, 227, 218) }
```

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

Here you see how a box with a 4 pixel rgb(163, 227, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 227, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 227, 218);  
box-shadow:4px 4px 4px 4px rgb(163, 227,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 163, 227, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 227, 218) }
```

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

```
.background{ background-color: rgb(163,  
227, 218) }
```

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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