

Converting Colors

RGB(163, 226, 199)

Have a look what the booklet for
RGB(163, 226, 199) contains.

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Color

RGB(163, 226, 199)

Conversions

Conversions Part 1

Format	Color
Hex	A3E2C7
RGB	163, 226, 199
RGB Percent	64%, 89%, 78%
CMY	0.3608, 0.1137, 0.2196
CMYK	0.28, 0.00, 0.12, 0.11
HSL	154°, 52%, 76%
HSV	154°, 28%, 89%
XYZ	52.6094, 66.3028, 64.0577
YIQ	204.0850, -28.8810, -21.7530

Conversions

Conversions Part 2

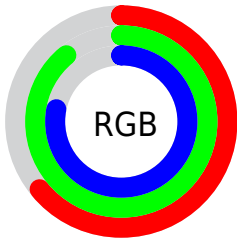
Format	Color
RYB	163, 203, 226
Decimal	10740423
CIELab	85.15, -25.46, 6.81
CIELCh	85, 26.360, 165.021
Yxy	66.3028, 0.2875, 0.3624
Android (android.graphics.Color)	4288930503 (0xFFA3E2C7)
YUV	204.0850, -2.5069, -36.0315
Hunter-Lab	81.4265, -27.1681, 10.3555

Details

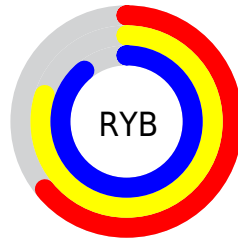
The RGB color **163, 226, 199** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **226, 163, 190**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **219, 255, 255**, and **109, 170, 145** is the 20% darker color. If you saturate the color by 10%, you get **140, 226, 189**, and if you desaturate by 10%, it is **186, 226, 209**.

Distribution



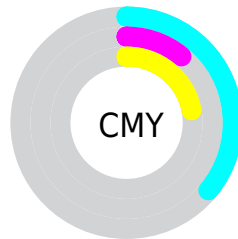
- Red (64%)
- Green (89%)
- Blue (78%)



- Red (64%)
- Yellow (80%)
- Blue (89%)



- Cyan (28%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (36%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 163, 226, 199 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, 226, 199 by changing the saturation by 10% instead.

 163, 226, 199

255, 255, 255


 219, 255, 255


 248, 255, 255

 163, 226, 199

 136, 198, 172

 109, 170, 145

 84, 144, 119

 58, 118, 95

 32, 93, 71

 0, 69, 49

 0, 46, 28

 0, 27, 1

 0, 0, 0

 163, 226, 199

 163, 226, 199

 140, 226, 189

 186, 226, 209

 118, 226, 180

 208, 226, 218

 95, 226, 170

 231, 226, 228

 73, 226, 160

 253, 226, 238

 50, 226, 151

 255, 226, 247

 27, 226, 141

 255, 226, 255

 5, 226, 131

 0, 226, 129

Harmonies

Analogous

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



190, 222, 177



163, 226, 199



145, 227, 225

Triad

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



163, 226, 199



200, 211, 255



255, 199, 179

Complementary

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



163, 226, 199



226, 163, 190

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, 195, 201



163, 226, 199



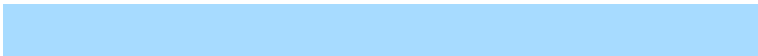
232, 202, 248

Square

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



163, 226, 199



167, 219, 255



255, 196, 226



243, 207, 165

Rectangle

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



163, 226, 199



142, 226, 240



255, 196, 226



255, 197, 185

Sweetspot

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



163, 226, 199



235, 255, 246



190, 226, 163



115, 128, 122



0, 0, 0



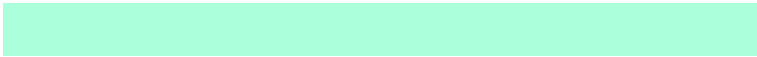
128, 128, 128

Same Dimension

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



163, 226, 199



171, 255, 219



163, 222, 226



101, 112, 107



0, 176, 101



0, 48, 28

Inverse Universe

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



226, 163, 190



255, 171, 207



226, 167, 163



112, 101, 106



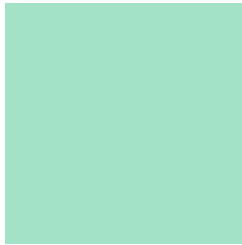
176, 0, 75



48, 0, 21

Previews

White Background



This preview shows how the RGB color 163, 226, 199 looks on a white background.

Color Contrast Check

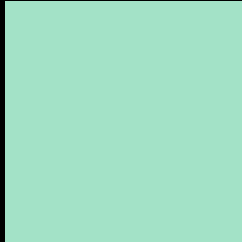
Large Text (above 18pt) WCAG AA × Fail

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, 226, 199 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

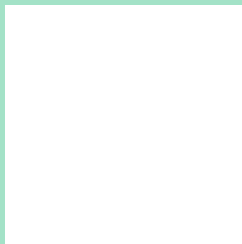
Any Text WCAG AAA ✓ Pass

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

RGB 163, 226, 199 Background



This preview shows how black text looks on a background with the RGB color 163, 226, 199.

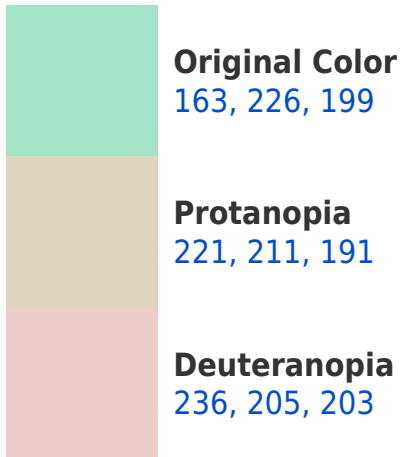


This preview shows how white text looks on a background with the RGB color 163, 226, 199.

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





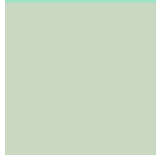
Tritanopia
171, 220, 238

Trichromacy



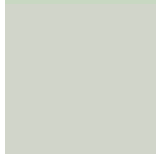
Original Color

163, 226, 199



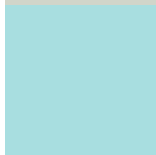
Protanomaly

200, 216, 194



Deuteranomaly

209, 213, 202



Tritanomaly

168, 222, 224

Monochromacy



Original Color

163, 226, 199



Achromatopsia

204, 204, 204



Achromatomaly

189, 212, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 163, 226, 199 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, 226, 199)` looks like.

```
.text, #text, p{  
    color:rgb(163, 226, 199)  
}
```

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, 226, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 226, 199) }
```

Border

The CSS property to change the border of an element to RGB 163, 226, 199 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, 226, 199) }
```

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

```
.border{ border-color:rgb(163, 226, 199) }
```

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

Here you see how a box with a 4 pixel rgb(163, 226, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 226, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 226, 199);  
box-shadow:4px 4px 4px 4px rgb(163, 226,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 163, 226, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 226, 199) }
```

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

```
.background{ background-color: rgb(163,  
226, 199) }
```

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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