

Converting Colors

RGB(162, 227, 200)

Have a look what the booklet for
RGB(162, 227, 200) contains.

RGB(162, 227, 200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(162, 227, 200)

Conversions

Conversions Part 1

Format	Color
Hex	A2E3C8
RGB	162, 227, 200
RGB Percent	64%, 89%, 78%
CMY	0.3647, 0.1098, 0.2157
CMYK	0.29, 0.00, 0.12, 0.11
HSL	155°, 54%, 76%
HSV	155°, 29%, 89%
XYZ	52.7947, 66.7897, 64.7527
YIQ	204.4870, -30.0730, -22.1770

Conversions

Conversions Part 2

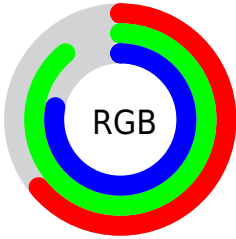
Format	Color
RYB	162, 203, 227
Decimal	10675144
CIELab	85.40, -26.05, 6.64
CIELCh	85, 26.879, 165.709
Yxy	66.7897, 0.2864, 0.3623
Android (android.graphics.Color)	4288865224 (0xFFA2E3C8)
YUV	204.4870, -2.2121, -37.2611
Hunter-Lab	81.7250, -27.7068, 10.2305

Details

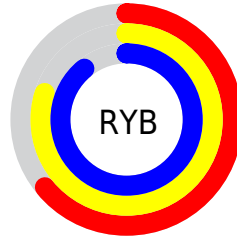
The RGB color **162, 227, 200** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **227, 162, 189**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **218, 255, 255**, and **108, 171, 146** is the 20% darker color. If you saturate the color by 10%, you get **139, 227, 191**, and if you desaturate by 10%, it is **185, 227, 209**.

Distribution



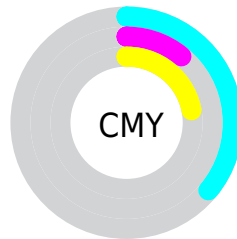
- Red (64%)
- Green (89%)
- Blue (78%)



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



- Cyan (29%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 162, 227, 200 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 162, 227, 200 by changing the saturation by 10% instead.

 162, 227, 200

 162, 227, 200


255, 255, 255

 135, 199, 173

 218, 255, 255

 108, 171, 146

 247, 255, 255

 82, 145, 120

 57, 119, 96

 30, 94, 72

 0, 70, 49

 0, 47, 28

 0, 28, 2

 0, 0, 0

 162, 227, 200

 162, 227, 200

 139, 227, 191

 185, 227, 209

 117, 227, 181

 207, 227, 219

 94, 227, 172

 230, 227, 228

 71, 227, 162

 253, 227, 238

 49, 227, 153

 255, 227, 247

 26, 227, 143

 255, 227, 255

 3, 227, 134

 0, 227, 133

Harmonies

Analogous

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



190, 223, 177



162, 227, 200



143, 228, 226

Triad

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



162, 227, 200



201, 211, 255



255, 200, 178

Complementary

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



162, 227, 200



227, 162, 189

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



162, 227, 200



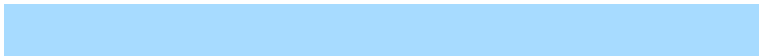
234, 202, 249

Square

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



162, 227, 200



167, 219, 255



255, 196, 227



244, 208, 165

Rectangle

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



162, 227, 200



141, 227, 242



255, 196, 227



255, 198, 185

Sweetspot

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



162, 227, 200



232, 255, 245



189, 227, 162



113, 128, 122



0, 0, 0



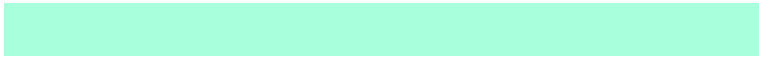
128, 128, 128

Same Dimension

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



162, 227, 200



168, 255, 219



162, 222, 227



103, 115, 110



0, 179, 104



0, 51, 30

Inverse Universe

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



227, 162, 189



255, 168, 204



227, 167, 162



115, 103, 108



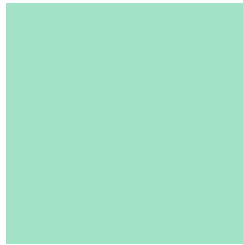
179, 0, 74



51, 0, 21

Previews

White Background



This preview shows how the RGB color 162, 227, 200 looks on a white background.

Color Contrast Check

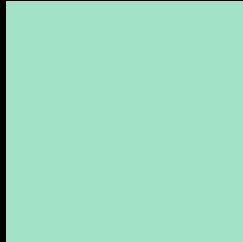
Large Text (above 18pt) WCAG AA × Fail

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 162, 227, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

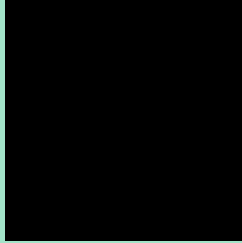
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

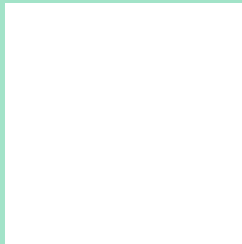
Any Text WCAG AAA ✓ Pass

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

RGB 162, 227, 200 Background



This preview shows how black text looks on a background with the RGB color 162, 227, 200.

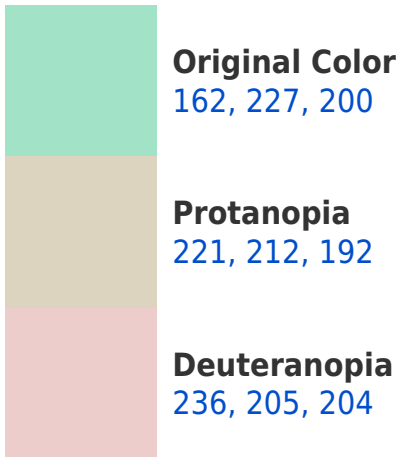


This preview shows how white text looks on a background with the RGB color 162, 227, 200.

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





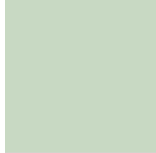
Tritanopia
170, 221, 239

Trichromacy



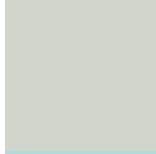
Original Color

162, 227, 200



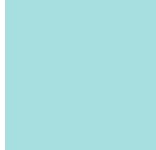
Protanomaly

200, 217, 195



Deuteranomaly

209, 213, 203



Tritanomaly

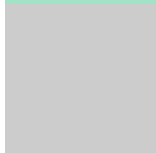
167, 223, 225

Monochromacy



Original Color

162, 227, 200



Achromatopsia

204, 204, 204



Achromatomaly

189, 212, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 227, 200 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(162, 227, 200)` looks like.

```
.text, #text, p{  
    color:rgb(162, 227, 200)  
}
```

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(162, 227, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 227, 200) }
```

Border

The CSS property to change the border of an element to RGB 162, 227, 200 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(162, 227, 200) }
```

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

```
.border{ border-color:rgb(162, 227, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 227, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 227, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 227, 200);  
box-shadow:4px 4px 4px 4px rgb(162, 227,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 162, 227, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 227, 200) }
```

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

```
.background{ background-color: rgb(162,  
227, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor