

Converting Colors

RGB(162, 227, 231)

Have a look what the booklet for
RGB(162, 227, 231) contains.

RGB(162, 227, 231)	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, 231)

Conversions

Conversions Part 1

Format	Color
Hex	A2E3E7
RGB	162, 227, 231
RGB Percent	64%, 89%, 91%
CMY	0.3647, 0.1098, 0.0941
CMYK	0.30, 0.02, 0.00, 0.09
HSL	183°, 59%, 77%
HSV	183°, 30%, 91%
XYZ	56.7932, 68.3891, 85.8084
YIQ	208.0210, -40.0240, -12.5360

Conversions

Conversions Part 2

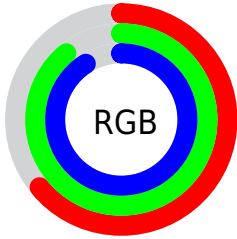
Format	Color
RYB	162, 195, 231
Decimal	10675175
CIELab	86.20, -19.38, -8.53
CIELCh	86, 21.177, 203.749
Yxy	68.3891, 0.2692, 0.3241
Android (android.graphics.Color)	4288865255 (0xFFA2E3E7)
YUV	208.0210, 11.3286, -40.3604
Hunter-Lab	82.6977, -22.1349, -3.6318

Details

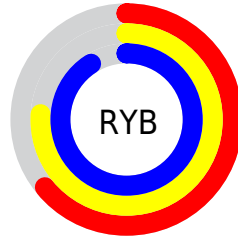
The RGB color **162, 227, 231** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **231, 166, 162**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **219, 255, 255**, and **108, 171, 175** is the 20% darker color. If you saturate the color by 10%, you get **139, 226, 231**, and if you desaturate by 10%, it is **185, 228, 231**.

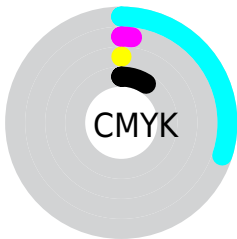
Distribution



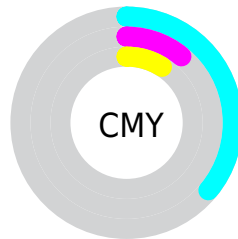
- Red (64%)
- Green (89%)
- Blue (91%)



- Red (64%)
- Yellow (76%)
- Blue (91%)



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (36%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 162, 227, 231 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, 231 by changing the saturation by 10% instead.


 162, 227, 231

255, 255, 255


 219, 255, 255


 248, 255, 255

 162, 227, 231

 135, 199, 203

 108, 171, 175

 81, 145, 149

 54, 119, 123

 24, 94, 98

 0, 70, 74

 0, 48, 52

 0, 28, 31

 0, 0, 5

 162, 227, 231

 162, 227, 231


 139, 226, 231

 185, 228, 231

 116, 224, 231

 208, 230, 231

 93, 223, 231

 231, 231, 231

 70, 222, 231

 254, 232, 231

 47, 220, 231


 255, 234, 231

 23, 219, 231

 255, 235, 231

 0, 218, 231

 255, 236, 231

 0, 218, 231

 255, 238, 231

 255, 239, 231

Harmonies

Analogous

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



172, 227, 211



162, 227, 231



168, 224, 247

Triad

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



162, 227, 231



238, 206, 240



236, 213, 176

Complementary

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



162, 227, 231



231, 166, 162

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.



251, 206, 184



162, 227, 231



253, 202, 221

Square

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



162, 227, 231



214, 212, 252



255, 202, 200



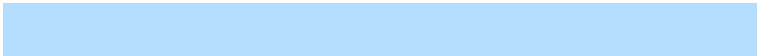
214, 219, 179

Rectangle

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



162, 227, 231



180, 221, 254



255, 202, 200



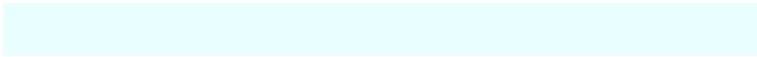
242, 211, 178

Sweetspot

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



162, 227, 231



232, 254, 255



162, 231, 165



113, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



162, 227, 231



163, 250, 255



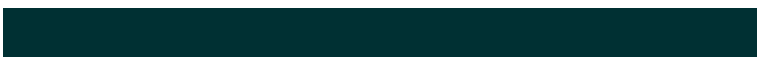
162, 193, 231



103, 114, 115



0, 168, 179



0, 48, 51

Inverse Universe

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



231, 162, 227



255, 163, 250



231, 200, 162



115, 103, 114



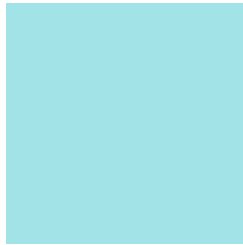
179, 0, 168



51, 0, 48

Previews

White Background



This preview shows how the RGB color 162, 227, 231 looks on a white background.

Color Contrast Check

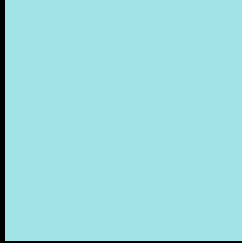
Large Text (above 18pt) WCAG AA × Fail

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, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

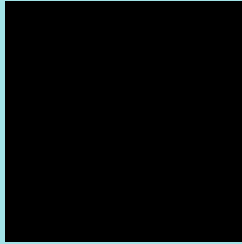
Any Text WCAG AA ✓ Pass

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, 231 Background



This preview shows how black text looks on a background with the RGB color 162, 227, 231.

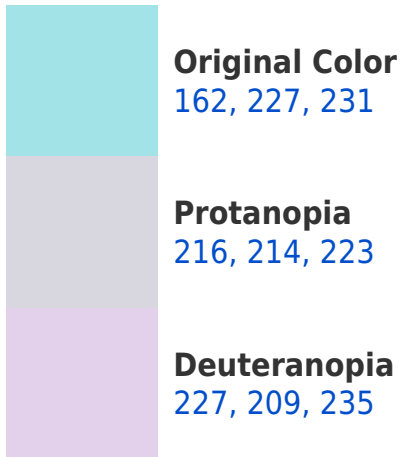


This preview shows how white text looks on a background with the RGB color 162, 227, 231.

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





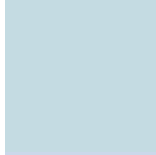
Tritanopia
165, 225, 243

Trichromacy



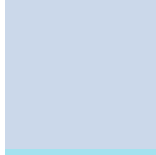
Original Color

162, 227, 231



Protanomaly

196, 219, 226



Deuteranomaly

203, 216, 234



Tritanomaly

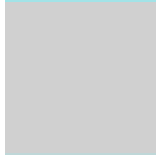
164, 226, 239

Monochromacy



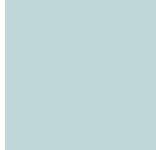
Original Color

162, 227, 231



Achromatopsia

208, 208, 208



Achromatomaly

191, 215, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 227, 231 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(162, 227, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 227, 231) }
```

Border

The CSS property to change the border of an element to RGB 162, 227, 231 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, 231) }
```

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

```
.border{ border-color:rgb(162, 227, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 227, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 227, 231);  
box-shadow:4px 4px 4px 4px rgb(162, 227,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 162, 227, 231 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, 231) }
```

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

```
.background{ background-color: rgb(162,  
227, 231) }
```

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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