

Converting Colors

RGB(163, 231, 227)

Have a look what the booklet for
RGB(163, 231, 227) contains.

RGB(163, 231, 227)	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(163, 231, 227)

Conversions

Conversions Part 1

Format	Color
Hex	A3E7E3
RGB	163, 231, 227
RGB Percent	64%, 91%, 89%
CMY	0.3608, 0.0941, 0.1098
CMYK	0.29, 0.00, 0.02, 0.09
HSL	176°, 59%, 77%
HSV	176°, 29%, 91%
XYZ	57.5453, 70.4844, 83.2449
YIQ	210.2120, -39.2440, -15.6600

Conversions

Conversions Part 2

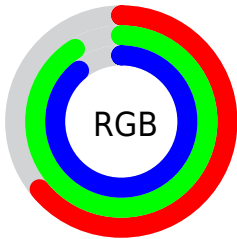
Format	Color
RYB	163, 198, 231
Decimal	10741731
CIELab	87.23, -21.99, -4.89
CIELCh	87, 22.524, 192.536
Yxy	70.4844, 0.2724, 0.3336
Android (android.graphics.Color)	4288931811 (0xFFA3E7E3)
YUV	210.2120, 8.2765, -41.4049
Hunter-Lab	83.9550, -24.5719, -0.0201

Details

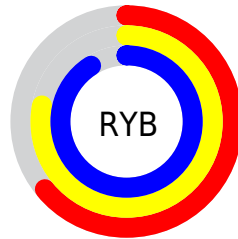
The RGB color **163, 231, 227** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **231, 163, 167**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **220, 255, 255**, and **109, 175, 172** is the 20% darker color. If you saturate the color by 10%, you get **140, 231, 226**, and if you desaturate by 10%, it is **186, 231, 228**.

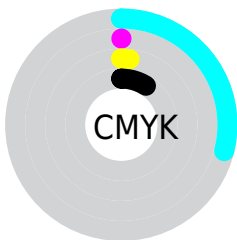
Distribution



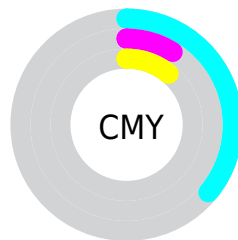
- Red (64%)
- Green (91%)
- Blue (89%)



- Red (64%)
- Yellow (78%)
- Blue (91%)



- Cyan (29%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 163, 231, 227 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, 231, 227 by changing the saturation by 10% instead.

 163, 231, 227

255, 255, 255


 220, 255, 255


 249, 255, 255

 163, 231, 227

 136, 203, 199

 109, 175, 172


 82, 148, 145

 55, 122, 120

 26, 97, 95

 0, 73, 71

 0, 50, 49

 0, 31, 28

 0, 0, 0

163, 231, 227

163, 231, 227

140, 231, 226

186, 231, 228

117, 231, 224

209, 231, 230

94, 231, 223

232, 231, 231

71, 231, 222

255, 231, 232

47, 231, 220

255, 231, 234

24, 231, 219

255, 231, 235

1, 231, 217

255, 231, 237

0, 231, 217

255, 231, 238

255, 231, 239

Harmonies

Analogous

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



178, 230, 205



163, 231, 227



163, 229, 247

Triad

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



163, 231, 227



233, 210, 250



247, 213, 178

Complementary

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



163, 231, 227



231, 163, 167

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, 207, 191



163, 231, 227



254, 205, 232

Square

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



163, 231, 227



206, 217, 255



255, 204, 210



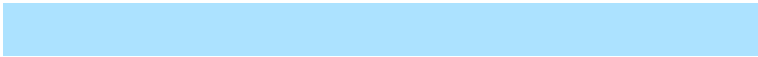
226, 220, 177

Rectangle

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



163, 231, 227



172, 226, 255



255, 204, 210



252, 211, 181

Sweetspot

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



163, 231, 227



232, 255, 254



168, 231, 163



113, 128, 127



0, 0, 0



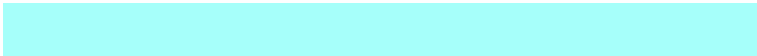
128, 128, 128

Same Dimension

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



163, 231, 227



166, 255, 250



163, 202, 231



103, 115, 114



0, 179, 168



0, 51, 48

Inverse Universe

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



231, 163, 167



255, 166, 171



231, 192, 163



115, 103, 104



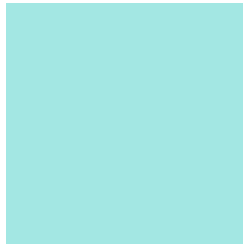
179, 0, 10



51, 0, 3

Previews

White Background



This preview shows how the RGB color 163, 231, 227 looks on a white background.

Color Contrast Check

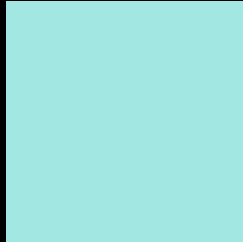
Large Text (above 18pt) WCAG AA × Fail

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, 231, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

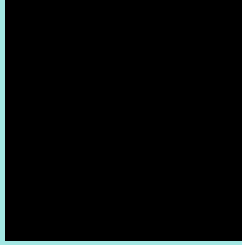
Any Text WCAG AA ✓ Pass

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, 231, 227 Background



This preview shows how black text looks on a background with the RGB color 163, 231, 227.

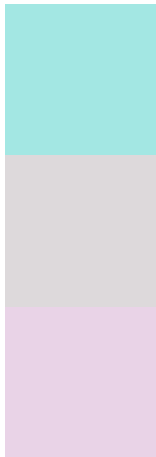


This preview shows how white text looks on a background with the RGB color 163, 231, 227.

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, 231, 227

Protanopia
221, 217, 219

Deuteranopia
233, 211, 231

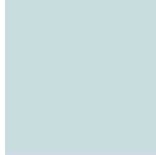


Tritanopia
167, 228, 246

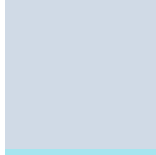
Trichromacy



Original Color
163, 231, 227



Protanomaly
200, 222, 222



Deuteranomaly
208, 218, 230

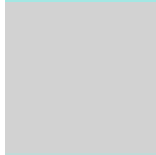


Tritanomaly
166, 229, 239

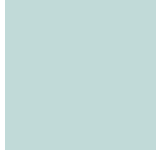
Monochromacy



Original Color
163, 231, 227



Achromatopsia
210, 210, 210



Achromatomaly
193, 218, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 163, 231, 227 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, 231, 227)` looks like.

```
.text, #text, p{  
    color:rgb(163, 231, 227)  
}
```

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, 231, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 231, 227) }
```

Border

The CSS property to change the border of an element to RGB 163, 231, 227 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, 231, 227) }
```

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

```
.border{ border-color:rgb(163, 231, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 231, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 231, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 231, 227);  
box-shadow:4px 4px 4px 4px rgb(163, 231,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 163, 231, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 231, 227) }
```

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

```
.background{ background-color: rgb(163,  
231, 227) }
```

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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