

Converting Colors

RGB(177, 227, 232)

Have a look what the booklet for
RGB(177, 227, 232) contains.

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Color

RGB(177, 227, 232)

Conversions

Conversions Part 1

Format	Color
Hex	B1E3E8
RGB	177, 227, 232
RGB Percent	69%, 89%, 91%
CMY	0.3059, 0.1098, 0.0902
CMYK	0.24, 0.02, 0.00, 0.09
HSL	185°, 54%, 80%
HSV	185°, 24%, 91%
XYZ	60.1660, 70.1115, 86.7057
YIQ	212.6200, -31.4050, -9.0450

Conversions

Conversions Part 2

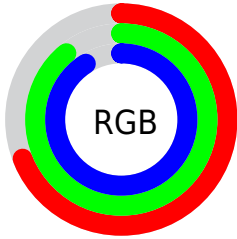
Format	Color
RYB	177, 203, 232
Decimal	11658216
CIELab	87.05, -14.87, -7.70
CIElCh	87, 16.751, 207.380
Yxy	70.1115, 0.2773, 0.3231
Android (android.graphics.Color)	4289848296 (0xFFB1E3E8)
YUV	212.6200, 9.5543, -31.2387
Hunter-Lab	83.7326, -18.2709, -2.7824

Details

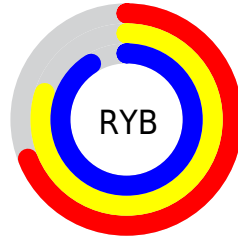
The RGB color **177, 227, 232** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **232, 182, 177**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **234, 255, 255**, and **123, 172, 176** is the 20% darker color. If you saturate the color by 10%, you get **154, 225, 232**, and if you desaturate by 10%, it is **200, 229, 232**.

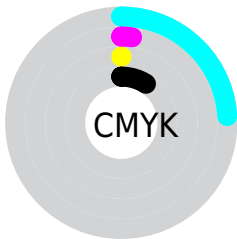
Distribution



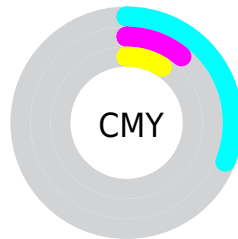
- Red (69%)
- Green (89%)
- Blue (91%)



- Red (69%)
- Yellow (80%)
- Blue (91%)



- Cyan (24%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 177, 227, 232 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 177, 227, 232 by changing the saturation by 10% instead.

 177, 227, 232


255, 255, 255


 234, 255, 255

 177, 227, 232

 150, 199, 204

 123, 172, 176

 97, 145, 150

 71, 119, 124

 46, 94, 99

 19, 71, 75

 0, 48, 53

 0, 28, 31

 0, 0, 6

177, 227, 232

177, 227, 232

154, 225, 232

200, 229, 232

131, 223, 232

223, 231, 232

107, 221, 232

247, 233, 232

84, 219, 232

255, 235, 232

61, 216, 232

255, 238, 232

38, 214, 232

255, 240, 232

15, 212, 232

255, 242, 232

0, 211, 232

255, 244, 232

255, 246, 232

Harmonies

Analogous

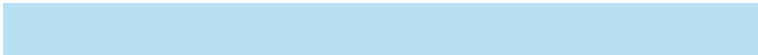
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



183, 227, 216



177, 227, 232



183, 224, 244

Triad

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



177, 227, 232



238, 210, 235



232, 216, 187

Complementary

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



177, 227, 232



232, 182, 177

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.



246, 211, 192



177, 227, 232



249, 207, 220

Square

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



177, 227, 232



219, 214, 246



252, 208, 204



215, 222, 190

Rectangle

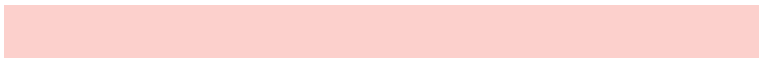
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



177, 227, 232



193, 221, 249



252, 208, 204



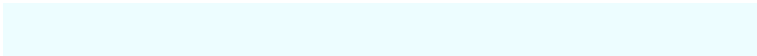
237, 215, 187

Sweetspot

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



177, 227, 232



237, 253, 255



177, 232, 182



117, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



177, 227, 232



184, 249, 255



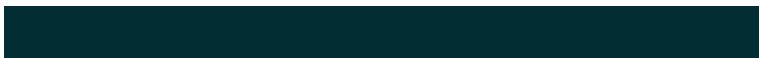
177, 200, 232



103, 114, 115



0, 162, 179



0, 46, 51

Inverse Universe

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



232, 177, 227



255, 184, 249



232, 209, 177



115, 103, 114



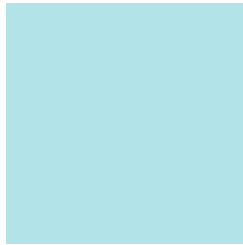
179, 0, 162



51, 0, 46

Previews

White Background



This preview shows how the RGB color 177, 227, 232 looks on a white background.

Color Contrast Check

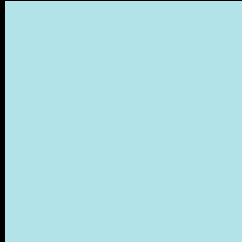
Large Text (above 18pt) WCAG AA × Fail

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 177, 227, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

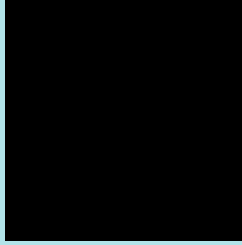
Any Text WCAG AA ✓ Pass

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 177, 227, 232 Background



This preview shows how black text looks on a background with the RGB color 177, 227, 232.



This preview shows how white text looks on a background with the RGB color 177, 227, 232.

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





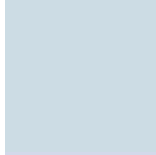
Tritanopia
179, 225, 243

Trichromacy



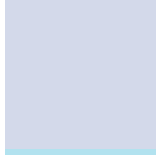
Original Color

177, 227, 232



Protanomaly

204, 220, 228



Deuteranomaly

211, 217, 234



Tritanomaly

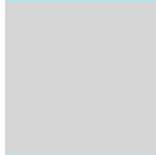
178, 226, 239

Monochromacy



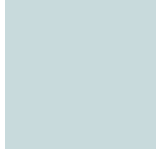
Original Color

177, 227, 232



Achromatopsia

213, 213, 213



Achromatomaly

200, 218, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 227, 232 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(177, 227, 232)` looks like.

```
.text, #text, p{  
    color:rgb(177, 227, 232)  
}
```

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(177, 227, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 227, 232) }
```

Border

The CSS property to change the border of an element to RGB 177, 227, 232 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(177, 227, 232) }
```

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

```
.border{ border-color:rgb(177, 227, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 227, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 227, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 227, 232);  
box-shadow:4px 4px 4px 4px rgb(177, 227,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 177, 227, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 227, 232) }
```

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

```
.background{ background-color: rgb(177,  
227, 232) }
```

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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