

Converting Colors

RGB(183, 228, 228)

Have a look what the booklet for
RGB(183, 228, 228) contains.

RGB(183, 228, 228)	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(183, 228, 228)

Conversions

Conversions Part 1

Format	Color
Hex	B7E4E4
RGB	183, 228, 228
RGB Percent	72%, 89%, 89%
CMY	0.2824, 0.1059, 0.1059
CMYK	0.20, 0.00, 0.00, 0.11
HSL	180°, 45%, 81%
HSV	180°, 20%, 89%
XYZ	61.2754, 71.1555, 83.9036
YIQ	214.5450, -26.8200, -9.5400

Conversions

Conversions Part 2

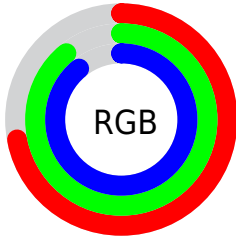
Format	Color
RYB	183, 206, 228
Decimal	12051684
CIELab	87.56, -14.45, -4.81
CIELCh	88, 15.224, 198.405
Yxy	71.1555, 0.2832, 0.3289
Android (android.graphics.Color)	4290241764 (0xFFB7E4E4)
YUV	214.5450, 6.6333, -27.6650
Hunter-Lab	84.3537, -17.9548, 0.0740

Details

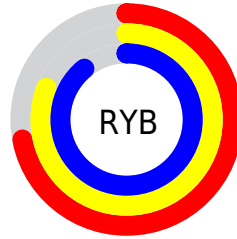
The RGB color **183, 228, 228** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **228, 183, 183**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **240, 255, 255**, and **129, 173, 173** is the 20% darker color. If you saturate the color by 10%, you get **160, 228, 228**, and if you desaturate by 10%, it is **206, 228, 228**.

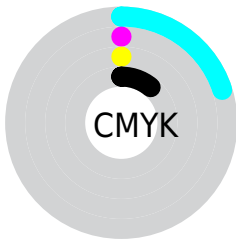
Distribution



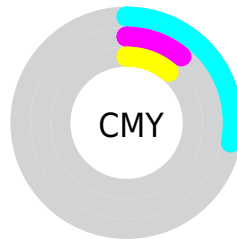
- Red (72%)
- Green (89%)
- Blue (89%)



- Red (72%)
- Yellow (81%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (28%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 183, 228, 228 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 183, 228, 228 by changing the saturation by 10% instead.

 183, 228, 228

255, 255, 255


 240, 255, 255


 183, 228, 228


 156, 200, 200

 129, 173, 173

 103, 146, 146

 78, 120, 120

 53, 95, 96

 29, 71, 72

 2, 49, 50

 0, 28, 29

 0, 0, 1

 183, 228, 228

 183, 228, 228

 160, 228, 228

 206, 228, 228

 137, 228, 228

 229, 228, 228

 115, 228, 228

 251, 228, 228

 92, 228, 228

 255, 228, 228

 69, 228, 228

 46, 228, 228

 23, 228, 228

 1, 228, 228

 0, 228, 228

Harmonies

Analogous

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



191, 228, 213



183, 228, 228



185, 226, 241

Triad

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



183, 228, 228



233, 213, 239



237, 217, 191

Complementary

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



183, 228, 228



228, 183, 183

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.



247, 212, 198



183, 228, 228



246, 210, 226

Square

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



183, 228, 228



215, 218, 247



251, 210, 211



222, 221, 192

Rectangle

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



183, 228, 228



193, 224, 246



251, 210, 211



241, 215, 193

Sweetspot

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



183, 228, 228



240, 255, 255



183, 228, 183



119, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



183, 228, 228



194, 255, 255



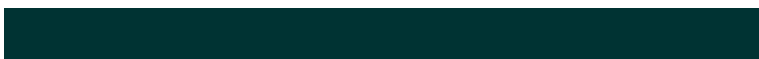
183, 206, 228



103, 115, 115



0, 179, 179



0, 51, 51

Inverse Universe

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



228, 183, 228



255, 194, 255



228, 206, 183



115, 103, 115



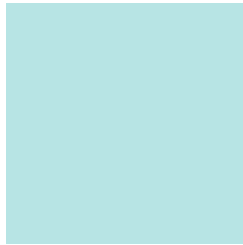
179, 0, 179



51, 0, 51

Previews

White Background



This preview shows how the RGB color 183, 228, 228 looks on a white background.

Color Contrast Check

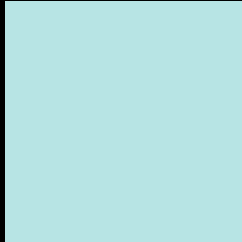
Large Text (above 18pt) WCAG AA × Fail

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 183, 228, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

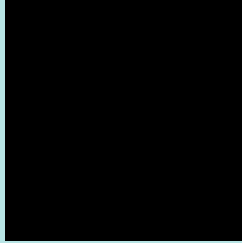
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

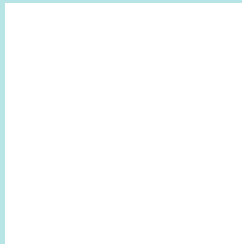
Any Text WCAG AAA ✓ Pass

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

RGB 183, 228, 228 Background



This preview shows how black text looks on a background with the RGB color 183, 228, 228.



This preview shows how white text looks on a background with the RGB color 183, 228, 228.

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





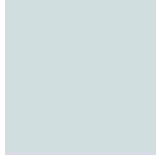
Tritanopia
186, 226, 244

Trichromacy



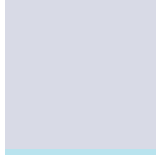
Original Color

183, 228, 228



Protanomaly

208, 222, 224



Deuteranomaly

216, 218, 230



Tritanomaly

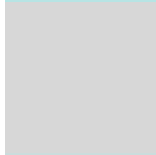
185, 227, 238

Monochromacy



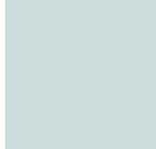
Original Color

183, 228, 228



Achromatopsia

215, 215, 215



Achromatomaly

203, 220, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 183, 228, 228 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(183, 228, 228)` looks like.

```
.text, #text, p{  
    color:rgb(183, 228, 228)  
}
```

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(183, 228, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 228, 228) }
```

Border

The CSS property to change the border of an element to RGB 183, 228, 228 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(183, 228, 228) }
```

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

```
.border{ border-color:rgb(183, 228, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 228, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 228, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 228, 228);  
box-shadow:4px 4px 4px 4px rgb(183, 228,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 183, 228, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 228, 228) }
```

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

```
.background{ background-color: rgb(183,  
228, 228) }
```

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