

Converting Colors

RGB(120, 183, 200)

Have a look what the booklet for
RGB(120, 183, 200) contains.

RGB(120, 183, 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(120, 183, 200)

Conversions

Conversions Part 1

Format	Color
Hex	78B7C8
RGB	120, 183, 200
RGB Percent	47%, 72%, 78%
CMY	0.5294, 0.2824, 0.2157
CMYK	0.40, 0.08, 0.00, 0.22
HSL	193°, 42%, 63%
HSV	193°, 40%, 78%
XYZ	35.1045, 42.0302, 60.9060
YIQ	166.1010, -43.0050, -8.0690

Conversions

Conversions Part 2

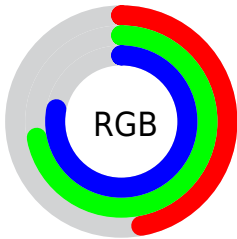
Format	Color
RYB	120, 155, 200
Decimal	7911368
CIELab	70.89, -15.79, -14.98
CIElCh	71, 21.766, 223.477
Yxy	42.0302, 0.2543, 0.3045
Android (android.graphics.Color)	4286101448 (0xFF78B7C8)
YUV	166.1010, 16.7122, -40.4306
Hunter-Lab	64.8307, -16.7994, -10.3193

Details

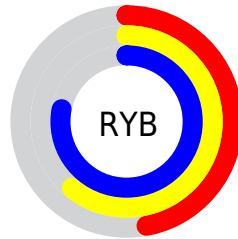
The RGB color **120, 183, 200** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **200, 137, 120**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **175, 239, 255**, and **66, 130, 146** is the 20% darker color. If you saturate the color by 10%, you get **100, 179, 200**, and if you desaturate by 10%, it is **140, 187, 200**.

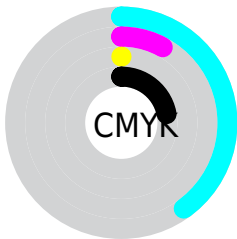
Distribution



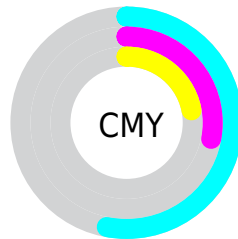
- Red (47%)
- Green (72%)
- Blue (78%)



- Red (47%)
- Yellow (61%)
- Blue (78%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)




- Cyan (53%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 183, 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 120, 183, 200 by changing the saturation by 10% instead.


 120, 183, 200


255, 255, 255


 175, 239, 255


 204, 255, 255


 233, 255, 255

 120, 183, 200

 93, 156, 173

 66, 130, 146

 37, 105, 120

 0, 80, 96


 0, 57, 72

 0, 36, 49

 0, 8, 29

 0, 0, 0

 120, 183, 200

 120, 183, 200

■ 100, 179, 200

■ 140, 187, 200

■ 80, 175, 200

■ 160, 192, 200

■ 60, 170, 200

■ 180, 196, 200

■ 40, 166, 200

■ 200, 200, 200

■ 20, 162, 200

■ 220, 204, 200

■ 0, 158, 200

■ 240, 209, 200

■ 255, 213, 200

■ 255, 217, 200

■ 255, 221, 200

Harmonies

Analogous

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



120, 185, 182



120, 183, 200



136, 179, 211

Triad

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



120, 183, 200



206, 161, 185



179, 175, 135

Complementary

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



120, 183, 200



200, 137, 120

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.



199, 168, 136



120, 183, 200



214, 159, 165

Square

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



120, 183, 200



188, 165, 202



211, 163, 147



157, 181, 144

Rectangle

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



120, 183, 200



153, 174, 213



211, 163, 147



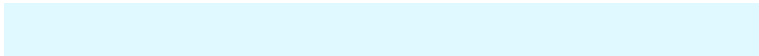
186, 173, 134

Sweetspot

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



120, 183, 200



224, 248, 255



120, 200, 136



110, 124, 128



0, 0, 0



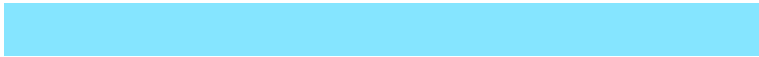
128, 128, 128

Same Dimension

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



120, 183, 200



133, 229, 255



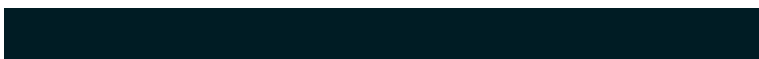
120, 144, 200



90, 97, 99



0, 129, 163



0, 28, 36

Inverse Universe

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



200, 120, 183



255, 133, 229



200, 176, 120



99, 90, 97



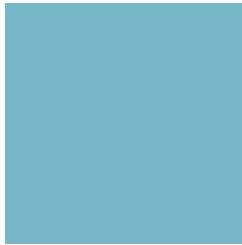
163, 0, 129



36, 0, 28

Previews

White Background



This preview shows how the RGB color 120, 183, 200 looks on a white background.

Color Contrast Check

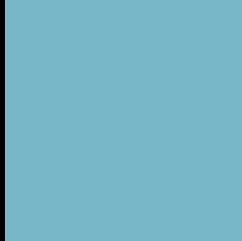
Large Text (above 18pt) WCAG AA × Fail

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 120, 183, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

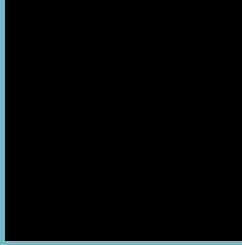
Any Text WCAG AA ✓ Pass

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 120, 183, 200 Background



This preview shows how black text looks on a background with the RGB color 120, 183, 200.



This preview shows how white text looks on a background with the RGB color 120, 183, 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](#).

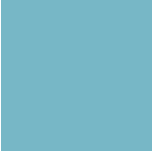
Dichromacy



Original Color
120, 183, 200

Protanopia
170, 172, 193

Deuteranopia
175, 169, 203



Tritanopia
119, 183, 198

Trichromacy



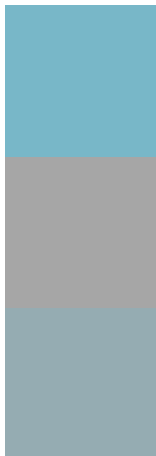
Original Color
120, 183, 200

Protanomaly
152, 176, 196

Deuteranomaly
155, 174, 202

Tritanomaly
119, 183, 199

Monochromacy



Original Color
120, 183, 200

Achromatopsia
166, 166, 166

Achromatomaly
149, 172, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 183, 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(120, 183, 200)` looks like.

```
.text, #text, p{  
    color:rgb(120, 183, 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(120, 183, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 183, 200) }
```

Border

The CSS property to change the border of an element to RGB 120, 183, 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(120, 183, 200) }
```

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

```
.border{ border-color:rgb(120, 183, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 183, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 183, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 183, 200);  
box-shadow:4px 4px 4px 4px rgb(120, 183,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 120, 183, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 183, 200) }
```

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

```
.background{ background-color: rgb(120,  
183, 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