

Converting Colors

RGB(183, 204, 220)

Have a look what the booklet for
RGB(183, 204, 220) contains.

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Color

RGB(183, 204, 220)

Conversions

Conversions Part 1

Format	Color
Hex	B7CCDC
RGB	183, 204, 220
RGB Percent	72%, 80%, 86%
CMY	0.2824, 0.2000, 0.1373
CMYK	0.17, 0.07, 0.00, 0.14
HSL	206°, 35%, 79%
HSV	206°, 17%, 86%
XYZ	54.0396, 58.4203, 76.1382
YIQ	199.5450, -17.6520, 0.5240

Conversions

Conversions Part 2

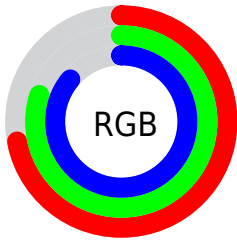
Format	Color
RYB	183, 196, 220
Decimal	12045532
CIELab	80.97, -3.77, -10.33
CIElCh	81, 10.991, 249.965
Yxy	58.4203, 0.2865, 0.3098
Android (android.graphics.Color)	4290235612 (0xFFB7CCDC)
YUV	199.5450, 10.0843, -14.5100
Hunter-Lab	76.4332, -7.5555, -5.5580

Details

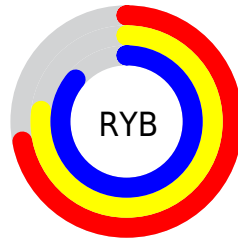
The RGB color **183, 204, 220** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **220, 199, 183**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **239, 255, 255**, and **130, 150, 165** is the 20% darker color. If you saturate the color by 10%, you get **161, 194, 220**, and if you desaturate by 10%, it is **205, 214, 220**.

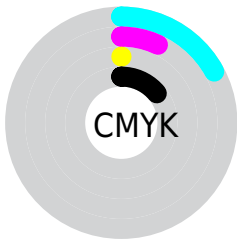
Distribution



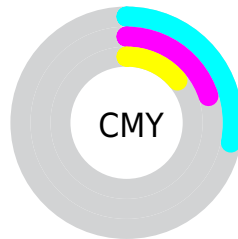
- Red (72%)
- Green (80%)
- Blue (86%)



- Red (72%)
- Yellow (77%)
- Blue (86%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)



- Cyan (28%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 183, 204, 220 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, 204, 220 by changing the saturation by 10% instead.


 183, 204, 220

255, 255, 255

 239, 255, 255

 183, 204, 220


 156, 177, 192


 130, 150, 165

 104, 124, 139

 80, 99, 113

 56, 75, 89

 33, 53, 65

 11, 32, 43

 0, 7, 23

 0, 0, 0

■ 183, 204, 220

■ 183, 204, 220

■ 161, 194, 220

■ 205, 214, 220

■ 139, 185, 220

■ 227, 223, 220

■ 117, 175, 220

■ 249, 233, 220

■ 95, 166, 220

■ 255, 242, 220

■ 73, 156, 220

■ 255, 252, 220

■ 51, 147, 220

■ 255, 255, 220

■ 29, 137, 220

■ 7, 128, 220

■ 0, 125, 220

Harmonies

Analogous

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



176, 206, 214



183, 204, 220



195, 201, 221

Triad

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



183, 204, 220



223, 194, 198



194, 205, 185

Complementary

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



183, 204, 220



220, 199, 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.



206, 201, 181



183, 204, 220



222, 195, 188

Square

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



183, 204, 220



218, 195, 208



216, 198, 182



183, 207, 194

Rectangle

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



183, 204, 220



203, 198, 219



216, 198, 182



198, 204, 183

Sweetspot

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



183, 204, 220



242, 249, 255



183, 220, 198



120, 124, 128



0, 0, 0



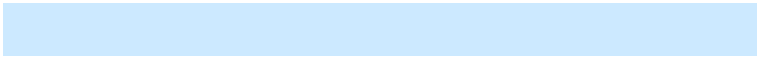
128, 128, 128

Same Dimension

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



183, 204, 220



204, 233, 255



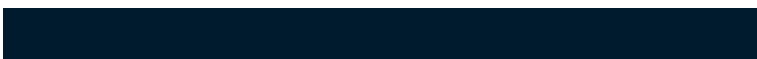
183, 186, 220



99, 105, 110



0, 98, 173



0, 26, 46

Inverse Universe

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



220, 183, 204



255, 204, 233



220, 217, 183



110, 99, 105



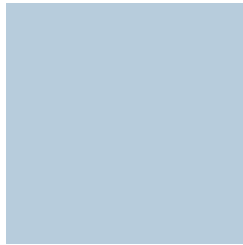
173, 0, 98



46, 0, 26

Previews

White Background



This preview shows how the RGB color 183, 204, 220 looks on a white background.

Color Contrast Check

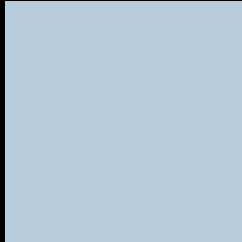
Large Text (above 18pt) WCAG AA × Fail

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, 204, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

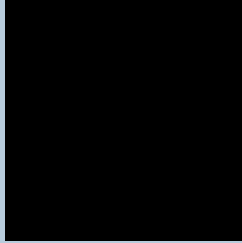
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

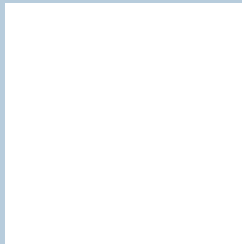
Any Text WCAG AAA ✓ Pass

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

RGB 183, 204, 220 Background



This preview shows how black text looks on a background with the RGB color 183, 204, 220.



This preview shows how white text looks on a background with the RGB color 183, 204, 220.

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
183, 204, 220

Protanopia
200, 199, 217

Deuteranopia
211, 195, 222



Tritanopia
183, 204, 220

Trichromacy



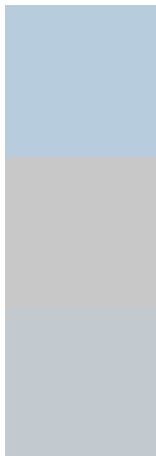
Original Color
183, 204, 220

Protanomaly
194, 201, 218

Deuteranomaly
201, 198, 221

Tritanomaly
183, 204, 220

Monochromacy



Original Color
183, 204, 220

Achromatopsia
200, 200, 200

Achromatomaly
194, 201, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 183, 204, 220 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, 204, 220)` looks like.

```
.text, #text, p{  
    color:rgb(183, 204, 220)  
}
```

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, 204, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 204, 220) }
```

Border

The CSS property to change the border of an element to RGB 183, 204, 220 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, 204, 220) }
```

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

```
.border{ border-color:rgb(183, 204, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 204, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 204, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 204, 220);  
box-shadow:4px 4px 4px 4px rgb(183, 204,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 183, 204, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 204, 220) }
```

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

```
.background{ background-color: rgb(183,  
204, 220) }
```

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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