

Converting Colors

RGB(137, 188, 208)

Have a look what the booklet for
RGB(137, 188, 208) contains.

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Color

RGB(137, 188, 208)

Conversions

Conversions Part 1

Format	Color
Hex	89BCD0
RGB	137, 188, 208
RGB Percent	54%, 74%, 82%
CMY	0.4627, 0.2627, 0.1843
CMYK	0.34, 0.10, 0.00, 0.18
HSL	197°, 43%, 68%
HSV	197°, 34%, 82%
XYZ	39.6849, 45.8389, 66.4307
YIQ	175.0310, -36.8160, -4.5920

Conversions

Conversions Part 2

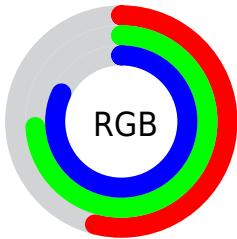
Format	Color
RYB	137, 167, 208
Decimal	9026768
CIELab	73.44, -11.81, -15.42
CIELCh	73, 19.425, 232.546
Yxy	45.8389, 0.2612, 0.3017
Android (android.graphics.Color)	4287216848 (0xFF89BCD0)
YUV	175.0310, 16.2537, -33.3532
Hunter-Lab	67.7044, -13.8550, -10.7815

Details

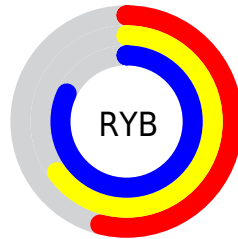
The RGB color **137, 188, 208** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **208, 157, 137**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **192, 244, 255**, and **84, 135, 154** is the 20% darker color. If you saturate the color by 10%, you get **116, 182, 208**, and if you desaturate by 10%, it is **158, 194, 208**.

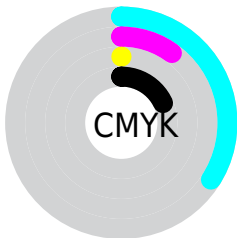
Distribution



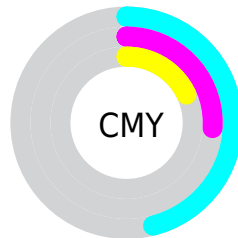
- Red (54%)
- Green (74%)
- Blue (82%)



- Red (54%)
- Yellow (65%)
- Blue (82%)



- Cyan (34%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (46%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 188, 208 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 137, 188, 208 by changing the saturation by 10% instead.

 137, 188, 208


255, 255, 255


 192, 244, 255


 221, 255, 255


 250, 255, 255

 137, 188, 208

 110, 161, 180

 84, 135, 154

 58, 109, 128

 30, 85, 103

 0, 62, 78

 0, 40, 56

 0, 20, 34

 0, 0, 10

 0, 0, 0

■ 137, 188, 208

■ 137, 188, 208

■ 116, 182, 208

■ 158, 194, 208

■ 95, 176, 208

■ 179, 200, 208

■ 75, 170, 208

■ 199, 206, 208

■ 54, 165, 208

■ 220, 211, 208

■ 33, 159, 208

■ 241, 217, 208

■ 12, 153, 208

■ 255, 223, 208

■ 0, 149, 208

■ 255, 229, 208

■ 255, 235, 208

■ 255, 241, 208

Harmonies

Analogous

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



132, 190, 193



137, 188, 208



155, 183, 215

Triad

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



137, 188, 208



213, 168, 186



180, 183, 147

Complementary

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



137, 188, 208



208, 157, 137

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, 178, 145



137, 188, 208



218, 168, 168

Square

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



137, 188, 208



199, 172, 202



212, 172, 153



159, 188, 158

Rectangle

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



137, 188, 208



170, 179, 215



212, 172, 153



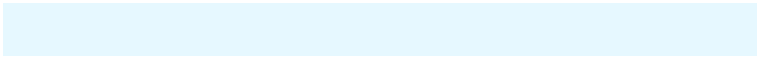
186, 182, 146

Sweetspot

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



137, 188, 208



230, 248, 255



137, 208, 156



112, 123, 128



0, 0, 0



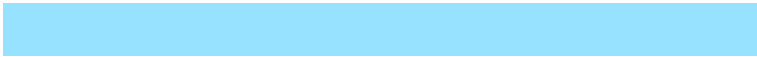
128, 128, 128

Same Dimension

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



137, 188, 208



150, 226, 255



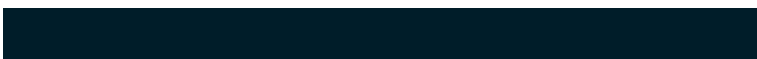
137, 154, 208



94, 102, 105



0, 121, 168



0, 29, 41

Inverse Universe

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



208, 137, 188



255, 150, 226



208, 191, 137



105, 94, 102



168, 0, 121



41, 0, 29

Previews

White Background



This preview shows how the RGB color 137, 188, 208 looks on a white background.

Color Contrast Check

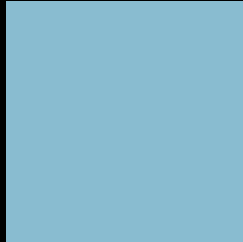
Large Text (above 18pt) WCAG AA × Fail

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 137, 188, 208 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 137, 188, 208 Background



This preview shows how black text looks on a background with the RGB color 137, 188, 208.



This preview shows how white text looks on a background with the RGB color 137, 188, 208.

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](#).

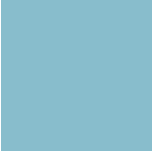
Dichromacy



Original Color
137, 188, 208

Protanopia
176, 178, 202

Deuteranopia
182, 175, 211

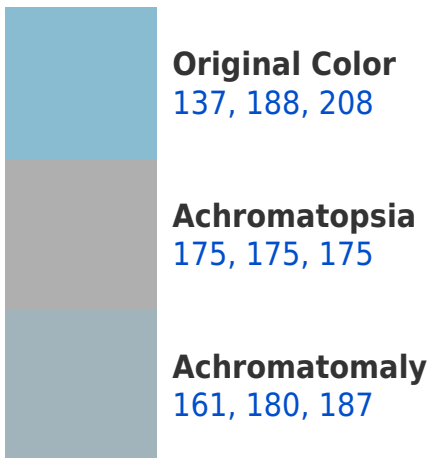


Tritanopia
136, 189, 204

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 188, 208 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(137, 188, 208)` looks like.

```
.text, #text, p{  
    color:rgb(137, 188, 208)  
}
```

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(137, 188, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 188, 208) }
```

Border

The CSS property to change the border of an element to RGB 137, 188, 208 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(137, 188, 208) }
```

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

```
.border{ border-color:rgb(137, 188, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 188, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 188, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 188, 208);  
box-shadow:4px 4px 4px 4px rgb(137, 188,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 137, 188, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 188, 208) }
```

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

```
.background{ background-color: rgb(137,  
188, 208) }
```

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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