

Converting Colors

CIELCh(71, 13.538, 198.034)

Have a look what the booklet for
CIELCh(71, 13.538, 198.034)
contains.

CIELCh(71, 13.382, 198.358)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 13.382, 198.358)

Conversions

Conversions Part 1

Format	Color
Hex	8FB5B5
RGB	143, 181, 181
RGB Percent	56%, 71%, 71%
CMY	0.4395, 0.2904, 0.2905
CMYK	0.21, 0.00, 0.00, 0.29
HSL	180°, 20%, 64%
HSV	180°, 21%, 71%
XYZ	36.1601, 42.1875, 49.9169
YIQ	169.6380, -22.6480, -8.0560

Conversions

Conversions Part 2

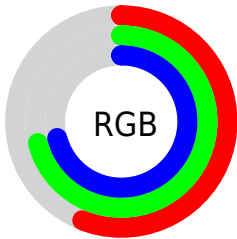
Format	Color
RYB	143, 162, 181
Decimal	9418165
CIELab	71.00, -12.70, -4.21
CIELCh	71, 13.382, 198.358
Yxy	42.1875, 0.2819, 0.3289
Android (android.graphics.Color)	4287608245 (0xFF8FB5B5)
YUV	169.6380, 5.6015, -23.3615
Hunter-Lab	64.9519, -14.2910, -0.0993

Details

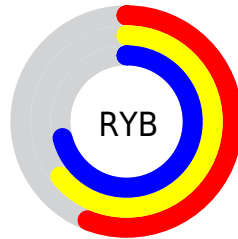
The CIELCh color **71, 13.382, 198.358** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63, 15.346, 20.901**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 13.553, 198.551**, and **51, 13.218, 198.060** is the 20% darker color. If you saturate the color by 10%, you get **70, 19.062, 197.891**, and if you desaturate by 10%, it is **72, 7.218, 198.881**.

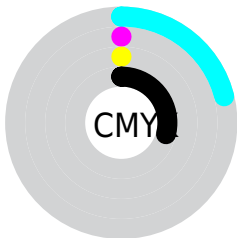
Distribution



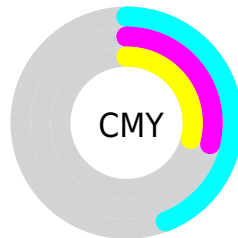
- Red (56%)
- Green (71%)
- Blue (71%)



- Red (56%)
- Yellow (64%)
- Blue (71%)



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)





- Cyan (44%)
- Magenta (29%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 13.382, 198.358 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 CIELCh color 71, 13.382, 198.358 by changing the saturation by 10% instead.


 71, 13.382,
198.358


 71, 13.382,
198.358


 100, 13.382,
198.358


 61, 13.382,
198.358


 91, 13.382,
198.358

 51, 13.382,
198.358

 41, 13.382,
198.358

 31, 13.382,
198.358

 21, 13.382,
198.358

 11, 13.382,
198.358

 1, 13.382, 198.358

0, 13.382, 198.358

71, 13.382,
198.358

71, 13.382,
198.358

70, 19.062,
197.891

72, 7.218, 198.881

69, 24.150,
197.489

74, 0.672, 200.108

75, 6.159, 19.828

68, 28.548,
197.147

77, 13.189, 20.462

68, 32.175,
196.870

78, 20.347, 21.082

80, 27.575, 21.705

67, 34.982,
196.658

81, 28.977, 21.825

67, 36.960,
196.510

81, 28.977, 21.824

■ 67, 38.154,
196.421

■ 81, 28.977, 21.823

■ 67, 38.736,
196.377

Harmonies

Complementary

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



71, 13.382, 198.358



63, 15.346, 20.901

Rectangle

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



71, 13.382, 198.358



71, 13.382, 248.358



71, 13.382, 18.358



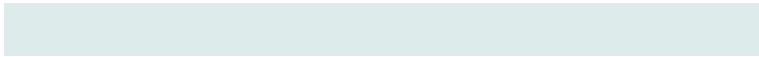
71, 13.382, 68.358

Sweetspot

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



71, 13.383, 198.352



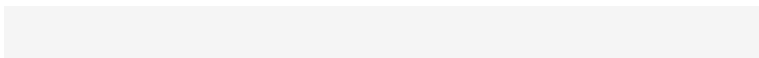
92, 4.921, 199.195



70, 25.262, 142.693



49, 3.256, 199.149



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 13.383, 198.352



89, 19.384, 198.141



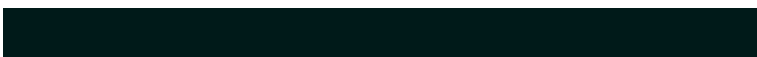
66, 12.114, 256.567



37, 3.691, 198.982



57, 34.228, 196.377



7, 9.138, 199.095

Inverse Universe

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



63, 15.346, 20.901



77, 22.945, 21.348



68, 12.874, 71.062



35, 3.911, 19.907



31, 70.928, 39.524



2, 9.156, 19.401

Previews

White Background



This preview shows how the CIELCh color 71, 13.382, 198.358 looks on a white background.

Color Contrast Check

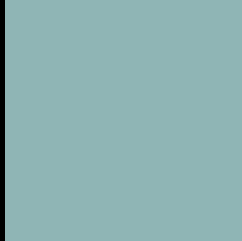
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 71, 13.382, 198.358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

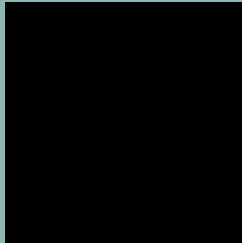
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 13.382, 198.358

Background



This preview shows how black text looks on a background with the CIELCh color 71, 13.382, 198.358.

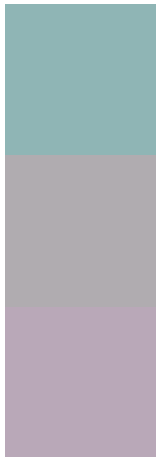


This preview shows how white text looks on a background with the CIELCh color 71, 13.382, 198.358.

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
71, 13.382, 198.358

Protanopia
71, 2.670, 324.477

Deuteranopia
71, 10.834, 326.548



Tritanopia
71, 13.710, 232.727

Trichromacy



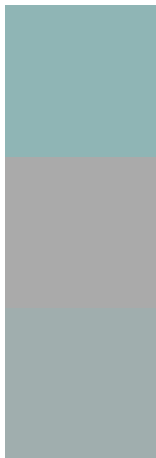
Original Color
71, 13.382, 198.358

Protanomaly
71, 4.323, 221.525

Deuteranomaly
71, 5.557, 279.365

Tritanomaly
71, 13.225, 220.450

Monochromacy



Original Color
71, 13.382, 198.358

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.152, 199.068

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 13.382, 198.358 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(143, 181, 181)` looks like.

```
.text, #text, p{  
    color:rgb(143, 181, 181)  
}
```

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(143, 181, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 181, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 13.382, 198.358 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(143, 181, 181) }
```

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

```
.border{ border-color:rgb(143, 181, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 181, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 181, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 181, 181);  
box-shadow:4px 4px 4px 4px rgb(143, 181,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 13.382, 198.358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 181, 181) }
```

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

```
.background{ background-color: rgb(143,  
181, 181) }
```

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