

Converting Colors

CIELCh(71, 11.199, 197.081)

Have a look what the booklet for
CIELCh(71, 11.199, 197.081)
contains.

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Color

CIELCh(71, 11.113, 195.710)

Conversions

Conversions Part 1

Format	Color
Hex	95B4B3
RGB	149, 180, 179
RGB Percent	58%, 71%, 70%
CMY	0.4164, 0.2948, 0.2988
CMYK	0.17, 0.00, 0.01, 0.29
HSL	178°, 17%, 64%
HSV	178°, 17%, 71%
XYZ	36.7632, 42.1875, 48.7553
YIQ	170.6170, -18.1550, -6.8830

Conversions

Conversions Part 2

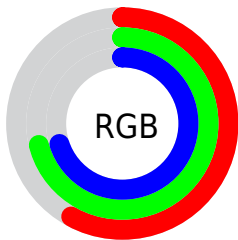
Format	Color
R_{YB}	149, 165, 180
Decimal	9811123
CIE _{Lab}	71.00, -10.70, -3.01
CIE _{LCh}	71, 11.113, 195.710
Yxy	42.1875, 0.2879, 0.3303
Android (android.graphics.Color)	4288001203 (0xFF95B4B3)
YUV	170.6170, 4.1328, -18.9581
Hunter-Lab	64.9519, -12.6336, 0.9611

Details

The CIELCh color **71, 11.113, 195.710** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 12.331, 18.001**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 11.002, 196.014**, and **51, 10.926, 195.212** is the 20% darker color. If you saturate the color by 10%, you get **70, 17.025, 195.105**, and if you desaturate by 10%, it is **72, 4.784, 196.370**.

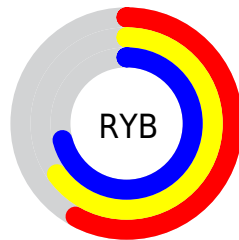
Distribution



Red (58%)

Green (71%)

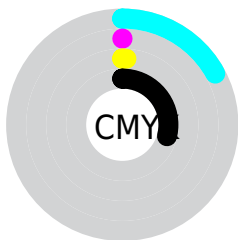
Blue (70%)



Red (58%)

Yellow (65%)

Blue (71%)

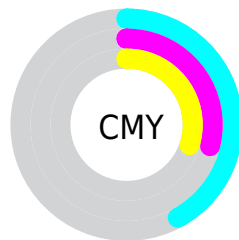


Cyan (17%)

Magenta (0%)

Yellow (1%)

Black (29%)



Cyan (42%)


Magenta (29%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 11.113, 195.710 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, 11.113, 195.710 by changing the saturation by 10% instead.


 71, 11.113,
195.710


 71, 11.113,
195.710


 100, 11.113,
195.710


 61, 11.113,
195.710


 91, 11.113,
195.710


 51, 11.113,
195.710

 41, 11.113,
195.710

 31, 11.113,
195.710

 21, 11.113,
195.710

 11, 11.113,
195.710

 1, 11.113, 195.710

0, 11.113, 195.710

71, 11.113,
195.710

71, 11.113,
195.710

70, 17.025,
195.105

72, 4.784, 196.370

69, 22.409,
194.542

74, 1.863, 16.619

68, 27.162,
194.012

75, 8.737, 17.474

67, 31.192,
193.510

77, 15.759, 18.151

67, 34.429,
193.034

79, 22.866, 18.818

67, 36.842,
192.576

80, 29.323, 19.362

80, 29.299, 18.769

80, 29.279, 18.175

■ 66, 38.449,
192.127

■ 80, 29.262, 17.580

■ 66, 39.351,
191.677

■ 66, 39.553,
191.554

Harmonies

Complementary

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



71, 11.113, 195.710



64, 12.331, 18.001

Rectangle

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



71, 11.113, 195.710



71, 11.113, 245.710



71, 11.113, 15.710



71, 11.113, 65.710

Sweetspot

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



71, 11.114, 195.703



92, 4.120, 196.547



70, 20.500, 142.541



49, 2.805, 196.486



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, 11.114, 195.703



90, 16.605, 195.452



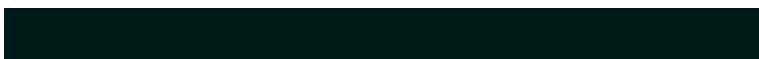
67, 9.791, 254.056



37, 3.703, 196.219



57, 35.098, 191.613



7, 9.183, 195.216

Inverse Universe

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



64, 12.331, 18.001



80, 18.928, 18.410



68, 10.329, 69.689



35, 3.911, 17.293



31, 69.730, 38.224



2, 9.166, 17.326

Previews

White Background



This preview shows how the CIELCh color 71, 11.113, 195.710 looks on a white background.

Color Contrast Check

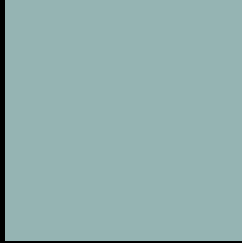
Large Text (above 18pt) WCAG AA × Fail

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, 11.113, 195.710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

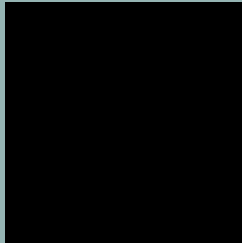
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

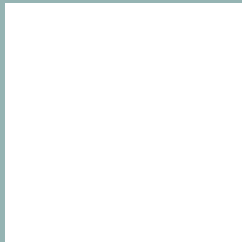
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 11.113, 195.710

Background



This preview shows how black text looks on a background with the CIELCh color 71, 11.113, 195.710.

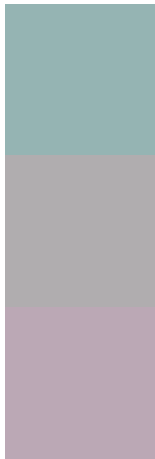


This preview shows how white text looks on a background with the CIELCh color 71, 11.113, 195.710.

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, 11.113, 195.710

Protanopia
71, 1.583, 335.582

Deuteranopia
71, 10.086, 335.598



Tritanopia
71, 11.904, 238.978

Trichromacy



Original Color
71, 11.113, 195.710

Protanomaly
71, 3.359, 208.650

Deuteranomaly
71, 4.400, 295.434

Tritanomaly
71, 10.956, 222.292

Monochromacy



Original Color
71, 11.113, 195.710

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 4.481, 192.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 11.113, 195.710 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(149, 180, 179)` looks like.

```
.text, #text, p{  
    color:rgb(149, 180, 179)  
}
```

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(149, 180, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 180, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 11.113, 195.710 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(149, 180, 179) }
```

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

```
.border{ border-color:rgb(149, 180, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 180, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 180, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 180, 179);  
box-shadow:4px 4px 4px 4px rgb(149, 180,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 11.113, 195.710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 180, 179) }
```

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

```
.background{ background-color: rgb(149,  
180, 179) }
```

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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