

Converting Colors

CIELCh(71, 11.418, 196.731)

Have a look what the booklet for
CIELCh(71, 11.418, 196.731)
contains.

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Color

CIELCh(71, 11.451, 195.764)

Conversions

Conversions Part 1

Format	Color
Hex	94B4B3
RGB	148, 180, 179
RGB Percent	58%, 71%, 70%
CMY	0.4196, 0.2941, 0.2981
CMYK	0.18, 0.00, 0.01, 0.29
HSL	178°, 18%, 64%
HSV	178°, 18%, 71%
XYZ	36.6657, 42.1875, 48.8527
YIQ	170.3180, -18.7510, -7.0950

Conversions

Conversions Part 2

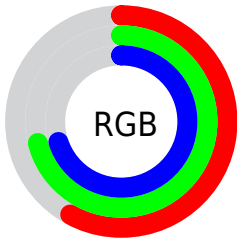
Format	Color
RYB	148, 164, 180
Decimal	9745587
CIELab	71.00, -11.02, -3.11
CIELCh	71, 11.451, 195.764
Yxy	42.1875, 0.2871, 0.3303
Android (android.graphics.Color)	4287935667 (0xFF94B4B3)
YUV	170.3180, 4.2802, -19.5729
Hunter-Lab	64.9519, -12.9017, 0.8721

Details

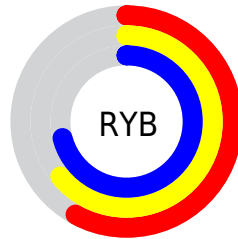
The CIELCh color **71, 11.451, 195.764** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 12.754, 18.132**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 11.660, 196.118**, and **51, 11.273, 195.268** is the 20% darker color. If you saturate the color by 10%, you get **70, 17.339, 195.165**, and if you desaturate by 10%, it is **72, 5.138, 196.414**.

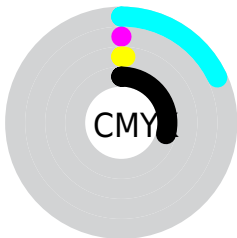
Distribution



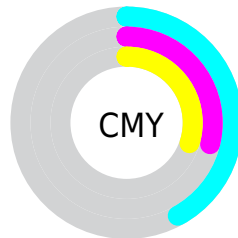
- Red (58%)
- Green (71%)
- Blue (70%)



- Red (58%)
- Yellow (64%)
- Blue (71%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)





- Cyan (42%)
- Magenta (29%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 11.451, 195.764 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, 11.451, 195.764 by changing the saturation by 10% instead.


 71, 11.451,
195.764


 71, 11.451,
195.764


 100, 11.451,
195.764


 61, 11.451,
195.764


 91, 11.451,
195.764

 51, 11.451,
195.764

 41, 11.451,
195.764

 31, 11.451,
195.764

 21, 11.451,
195.764

 11, 11.451,
195.764

 1, 11.451, 195.764

0, 11.451, 195.764

71, 11.451,
195.764

71, 11.451,
195.764

70, 17.339,
195.165

72, 5.138, 196.414

69, 22.693,
194.608

74, 1.499, 16.600

68, 27.410,
194.084

75, 8.367, 17.517

68, 31.396,
193.590

79, 22.500, 18.860

67, 34.587,
193.122

80, 29.252, 19.454

67, 36.953,
192.673

80, 29.229, 18.878

80, 29.208, 18.300

■ 66, 38.514,
192.234

■ 80, 29.191, 17.722

■ 66, 39.385,
191.796

■ 66, 39.547,
191.700

Harmonies

Complementary

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



71, 11.451, 195.764



64, 12.754, 18.132

Rectangle

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



71, 11.451, 195.764



71, 11.451, 245.764



71, 11.451, 15.764



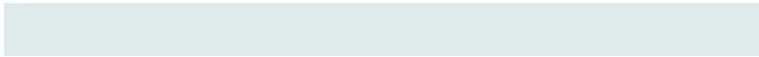
71, 11.451, 65.764

Sweetspot

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



71, 11.452, 195.757



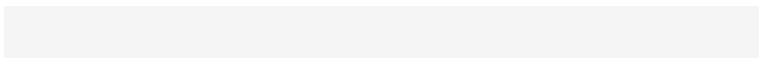
92, 4.120, 196.631



70, 21.163, 142.504



49, 2.805, 196.571



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, 11.452, 195.757



90, 16.602, 195.540



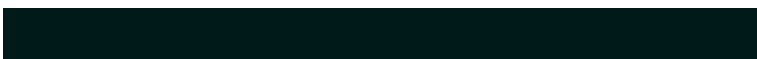
67, 10.102, 254.139



37, 3.703, 196.304



57, 35.068, 191.757



7, 9.181, 195.336

Inverse Universe

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



64, 12.754, 18.132



80, 18.929, 18.489



68, 10.676, 69.626



35, 3.911, 17.374



31, 69.767, 38.265



2, 9.166, 17.391

Previews

White Background



This preview shows how the CIELCh color 71, 11.451, 195.764 looks on a white background.

Color Contrast Check

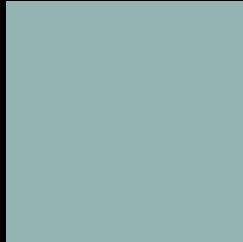
Large Text (above 18pt) WCAG AA × Fail

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, 11.451, 195.764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

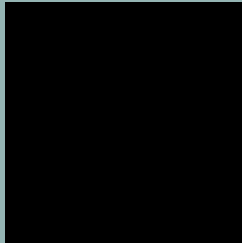
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

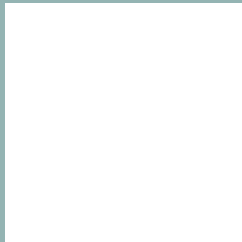
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 11.451, 195.764

Background



This preview shows how black text looks on a background with the CIELCh color 71, 11.451, 195.764.

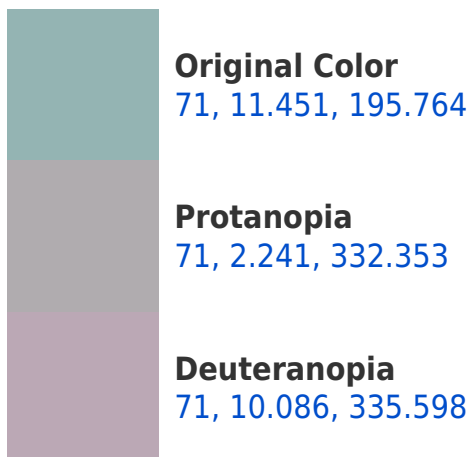


This preview shows how white text looks on a background with the CIELCh color 71, 11.451, 195.764.

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





Tritanopia
71, 11.904, 238.978

Trichromacy



Original Color
71, 11.451, 195.764

Protanomaly
71, 3.359, 208.650

Deuteranomaly
71, 4.400, 295.434

Tritanomaly
71, 10.956, 222.292

Monochromacy



Original Color
71, 11.451, 195.764

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, 11.451, 195.764 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(148, 180, 179)` looks like.

```
.text, #text, p{  
    color:rgb(148, 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(148, 180, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 180, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 11.451, 195.764 is called "border". The border property can be set on classes, ids or directly on the HTML element.

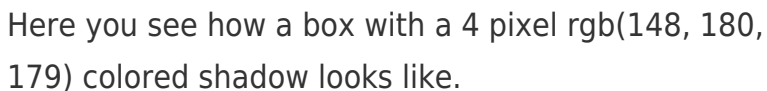
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(148, 180, 179) }
```

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

```
.border{ border-color:rgb(148, 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(148, 180, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 180, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 180, 179); box-shadow:4px 4px 4px 4px rgb(148, 180, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 11.451, 195.764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 180, 179) }
```

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

```
.background{ background-color: rgb(148,  
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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