

Converting Colors

CIELCh(71, 11.391, 198.506)

Have a look what the booklet for
CIELCh(71, 11.391, 198.506)
contains.

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Color

CIELCh(71, 11.395, 198.520)

Conversions

Conversions Part 1

Format	Color
Hex	94B4B4
RGB	148, 180, 180
RGB Percent	58%, 71%, 71%
CMY	0.4199, 0.2944, 0.2945
CMYK	0.18, 0.00, 0.00, 0.29
HSL	180°, 18%, 64%
HSV	180°, 18%, 71%
XYZ	36.7308, 42.1875, 49.3411
YIQ	170.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

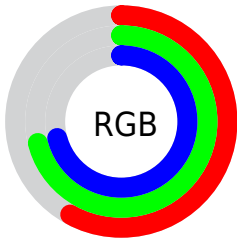
Format	Color
R_YB	148, 164, 180
Decimal	9745588
CIE Lab	71.00, -10.80, -3.62
CIE LCh	71, 11.395, 198.520
Yxy	42.1875, 0.2864, 0.3289
Android (android.graphics.Color)	4287935668 (0xFF94B4B4)
YUV	170.4320, 4.7170, -19.6729
Hunter-Lab	64.9519, -12.7226, 0.4263

Details

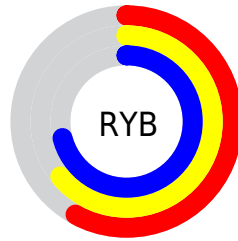
The CIELCh color **71, 11.395, 198.520** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 12.776, 20.604**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 11.614, 198.683**, and **51, 11.201, 198.265** is the 20% darker color. If you saturate the color by 10%, you get **70, 17.217, 198.032**, and if you desaturate by 10%, it is **72, 5.126, 199.077**.

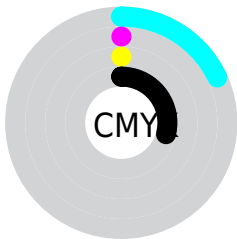
Distribution



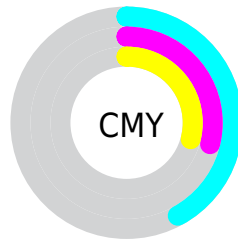
- Red (58%)
- Green (71%)
- Blue (71%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 11.395, 198.520 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, 11.395, 198.520 by changing the saturation by 10% instead.


 71, 11.395,
198.520


 71, 11.395,
198.520


 100, 11.395,
198.520


 61, 11.395,
198.520


 91, 11.395,
198.520

 51, 11.395,
198.520

 41, 11.395,
198.520

 31, 11.395,
198.520

 21, 11.395,
198.520

 11, 11.395,
198.520

 1, 11.395, 198.520

0, 11.395, 198.520

71, 11.395,
198.520

71, 11.395,
198.520

70, 17.217,
198.032

72, 5.126, 199.077

69, 22.483,
197.611

74, 1.491, 19.181

68, 27.093,
197.250

75, 8.363, 20.037

68, 30.959,
196.952

78, 22.562, 21.281

67, 34.020,
196.719

80, 29.420, 21.874

67, 36.255,
196.550

80, 29.420, 21.873

80, 29.420, 21.871

■ 67, 37.689,
196.442

■ 80, 29.420, 21.870

■ 66, 38.440,
196.386

■ 66, 38.574,
196.376

Harmonies

Complementary

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



71, 11.395, 198.520



64, 12.776, 20.604

Rectangle

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



71, 11.395, 198.520



71, 11.395, 248.520



71, 11.395, 18.520



71, 11.395, 68.520

Sweetspot

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



71, 11.396, 198.513



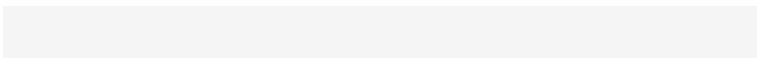
92, 4.110, 199.273



70, 21.279, 142.926



49, 2.797, 199.218



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, 11.396, 198.513



90, 16.508, 198.334



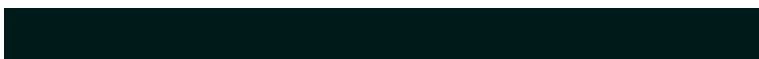
67, 10.237, 256.048



37, 3.691, 198.981



57, 34.228, 196.376



7, 9.138, 199.093

Inverse Universe

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



64, 12.776, 20.604



80, 18.977, 20.934



68, 10.766, 71.446



35, 3.911, 19.907



31, 70.928, 39.523



2, 9.156, 19.400

Previews

White Background



This preview shows how the CIELCh color 71, 11.395, 198.520 looks on a white background.

Color Contrast Check

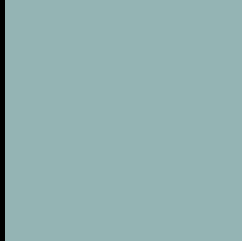
Large Text (above 18pt) WCAG AA × Fail

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, 11.395, 198.520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

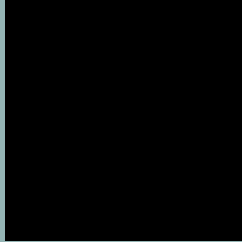
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

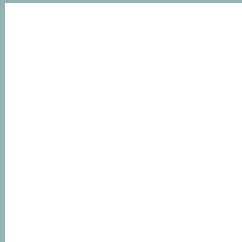
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 11.395, 198.520

Background



This preview shows how black text looks on a background with the CIELCh color 71, 11.395, 198.520.



This preview shows how white text looks on a background with the CIELCh color 71, 11.395, 198.520.

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, 12.157, 237.965

Trichromacy



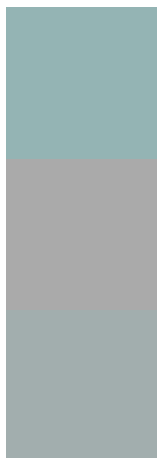
Original Color
71, 11.395, 198.520

Protanomaly
71, 3.473, 217.641

Deuteranomaly
71, 4.926, 290.677

Tritanomaly
71, 11.442, 224.232

Monochromacy



Original Color
71, 11.395, 198.520

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 4.428, 199.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 11.395, 198.520 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(148, 180, 180)  
}
```

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, 180) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 71, 11.395, 198.520 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, 180) }
```

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

```
.border{ border-color:rgb(148, 180, 180) }
```

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, 180)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 71, 11.395, 198.520 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, 180) }
```

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

```
.background{ background-color: rgb(148,  
180, 180) }
```

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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