

Converting Colors

CIELCh(71, 11.476, 204.317)

Have a look what the booklet for
CIELCh(71, 11.476, 204.317)
contains.

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Color

CIELCh(71, 11.692, 203.897)

Conversions

Conversions Part 1

Format	Color
Hex	93B4B6
RGB	147, 180, 182
RGB Percent	58%, 71%, 71%
CMY	0.4238, 0.2944, 0.2865
CMYK	0.19, 0.01, 0.00, 0.29
HSL	183°, 19%, 64%
HSV	183°, 19%, 71%
XYZ	36.7657, 42.1875, 50.4251
YIQ	170.3610, -20.3100, -6.3740

Conversions

Conversions Part 2

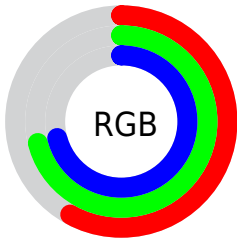
Format	Color
RYB	147, 164, 182
Decimal	9680054
CIELab	71.00, -10.69, -4.74
CIElCh	71, 11.692, 203.897
Yxy	42.1875, 0.2842, 0.3261
Android (android.graphics.Color)	4287870134 (0xFF93B4B6)
YUV	170.3610, 5.7380, -20.4876
Hunter-Lab	64.9519, -12.6268, -0.5632

Details

The CIELCh color **71, 11.692, 203.897** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 13.286, 25.373**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 11.590, 203.850**, and **51, 11.484, 204.122** is the 20% darker color. If you saturate the color by 10%, you get **70, 17.158, 203.672**, and if you desaturate by 10%, it is **73, 5.777, 204.217**.

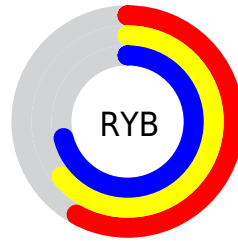
Distribution



Red (58%)

Green (71%)

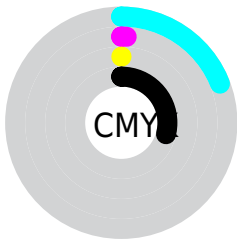
Blue (71%)



Red (58%)

Yellow (64%)

Blue (71%)

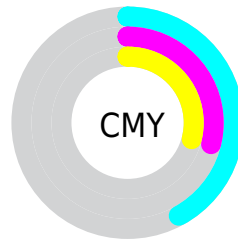


Cyan (19%)

Magenta (1%)

Yellow (0%)

Black (29%)



Cyan (42%)


Magenta (29%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 11.692, 203.897 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, 11.692, 203.897 by changing the saturation by 10% instead.


 71, 11.692,
203.897


 71, 11.692,
203.897


 100, 11.692,
203.897


 61, 11.692,
203.897


 91, 11.692,
203.897

 51, 11.692,
203.897

 41, 11.692,
203.897

 31, 11.692,
203.897

 21, 11.692,
203.897

 11, 11.692,
203.897

 1, 11.692, 203.897

0, 11.692, 203.897

71, 11.692,
203.897

71, 11.692,
203.897

70, 17.158,
203.672

73, 5.777, 204.217

68, 22.073,
203.555

74, 0.490, 23.412

76, 7.022, 24.787

67, 26.337,
203.555

78, 13.743, 25.251

66, 29.863,
203.687

80, 20.591, 25.716

82, 27.075, 26.233

66, 32.589,
203.972

82, 26.741, 27.400

65, 34.491,
204.429

82, 26.419, 28.597

■ 64, 35.597,
205.071

■ 82, 26.110, 29.823

■ 64, 36.065,
205.883

■ 64, 36.095,
205.947

Harmonies

Complementary

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



71, 11.692, 203.897



65, 13.286, 25.373

Rectangle

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



71, 11.692, 203.897



71, 11.692, 253.897



71, 11.692, 23.897



71, 11.692, 73.897

Sweetspot

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



71, 11.693, 203.890



93, 4.692, 204.363



71, 22.576, 144.584



50, 3.132, 204.329



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 11.693, 203.890



89, 17.104, 203.788



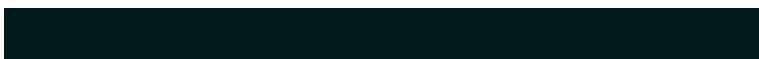
66, 11.874, 263.408



38, 3.569, 204.212



55, 32.176, 205.823



8, 9.631, 205.873

Inverse Universe

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



65, 22.492, 327.072



81, 33.371, 327.307



69, 12.291, 78.186



36, 6.646, 326.506



36, 76.437, 330.607



3, 17.763, 326.993

Previews

White Background



This preview shows how the CIELCh color 71, 11.692, 203.897 looks on a white background.

Color Contrast Check

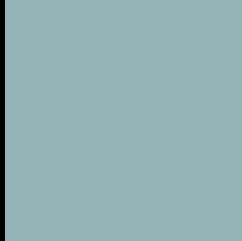
Large Text (above 18pt) WCAG AA × Fail

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, 11.692, 203.897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

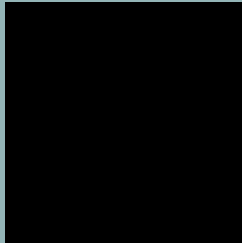
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

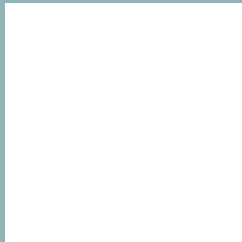
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 11.692, 203.897

Background



This preview shows how black text looks on a background with the CIELCh color 71, 11.692, 203.897.

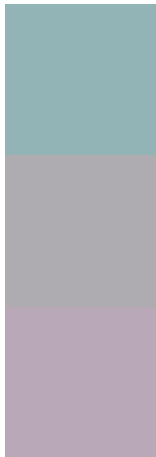


This preview shows how white text looks on a background with the CIELCh color 71, 11.692, 203.897.

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](#).

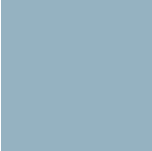
Dichromacy



Original Color
71, 11.692, 203.897

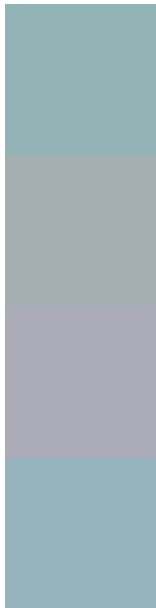
Protanopia
71, 2.972, 312.552

Deuteranopia
71, 10.834, 326.548



Tritanopia
71, 12.720, 239.095

Trichromacy



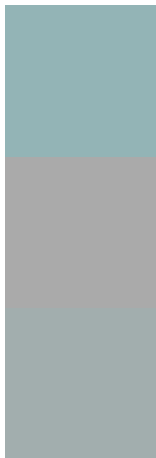
Original Color
71, 11.692, 203.897

Protanomaly
71, 4.228, 230.420

Deuteranomaly
71, 6.024, 287.306

Tritanomaly
71, 11.936, 226.021

Monochromacy



Original Color
71, 11.692, 203.897

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, 11.692, 203.897 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(147, 180, 182)` looks like.

```
.text, #text, p{  
    color:rgb(147, 180, 182)  
}
```

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(147, 180, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 180, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 11.692, 203.897 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(147, 180, 182) }
```

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

```
.border{ border-color:rgb(147, 180, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 180, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 180, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 180, 182);  
box-shadow:4px 4px 4px 4px rgb(147, 180,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 11.692, 203.897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 180, 182) }
```

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

```
.background{ background-color: rgb(147,  
180, 182) }
```

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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