

Converting Colors

CIELCh(70, 11.393, 198.221)

Have a look what the booklet for
CIELCh(70, 11.393, 198.221)
contains.

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Color

CIELCh(70, 11.421, 198.505)

Conversions

Conversions Part 1

Format	Color
Hex	91B1B1
RGB	145, 177, 177
RGB Percent	57%, 69%, 69%
CMY	0.4306, 0.3050, 0.3050
CMYK	0.18, 0.00, 0.00, 0.31
HSL	180°, 17%, 63%
HSV	180°, 18%, 69%
XYZ	35.4345, 40.7494, 47.7035
YIQ	167.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

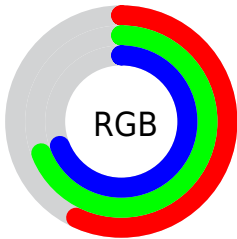
Format	Color
RYB	145, 161, 177
Decimal	9548209
CIELab	70.00, -10.83, -3.62
CIELCh	70, 11.421, 198.505
Yxy	40.7494, 0.2860, 0.3289
Android (android.graphics.Color)	4287738289 (0xFF91B1B1)
YUV	167.4320, 4.7170, -19.6729
Hunter-Lab	63.8353, -12.6277, 0.3779

Details

The CIELCh color **70, 11.421, 198.505** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63, 12.828, 20.625**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 11.636, 198.674**, and **50, 11.231, 198.241** is the 20% darker color. If you saturate the color by 10%, you get **69, 17.159, 198.020**, and if you desaturate by 10%, it is **71, 5.239, 199.058**.

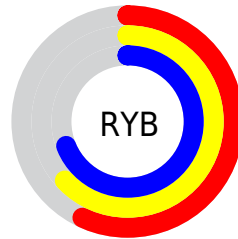
Distribution



Red (57%)

Green (69%)

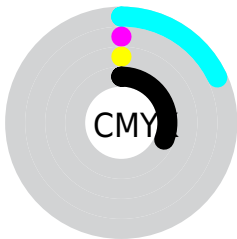
Blue (69%)



Red (57%)

Yellow (63%)

Blue (69%)

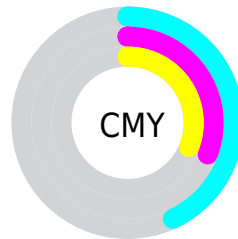


Cyan (18%)

Magenta (0%)

Yellow (0%)

Black (31%)



Cyan (43%)


Magenta (31%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 11.421, 198.505 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 70, 11.421, 198.505 by changing the saturation by 10% instead.


 70, 11.421,
198.505


 70, 11.421,
198.505


 100, 11.421,
198.505


 60, 11.421,
198.505


 90, 11.421,
198.505

 50, 11.421,
198.505

 40, 11.421,
198.505

 30, 11.421,
198.505

 20, 11.421,
198.505

 10, 11.421,
198.505

 0, 11.421, 198.505

70, 11.421,
198.505

70, 11.421,
198.505

69, 17.159,
198.020

71, 5.239, 199.058

68, 22.347,
197.600

73, 1.289, 19.115

67, 26.884,
197.240

74, 8.071, 20.017

67, 30.686,
196.944

77, 22.089, 21.260

66, 33.693,
196.712

79, 29.206, 21.882

66, 35.885,
196.545

80, 30.599, 22.003

66, 37.287,
196.438

80, 30.599, 22.002

66, 38.026,

80, 30.599, 22.000

196.382

■ 66, 38.144,
196.372

Harmonies

Complementary

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



70, 11.421, 198.505



63, 12.828, 20.625

Rectangle

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



70, 11.421, 198.505



70, 11.421, 248.505



70, 11.421, 18.505



70, 11.421, 68.505

Sweetspot

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



70, 11.422, 198.498



90, 4.037, 199.272



69, 21.346, 142.908



48, 2.747, 199.217



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 11.422, 198.498



88, 16.934, 198.284



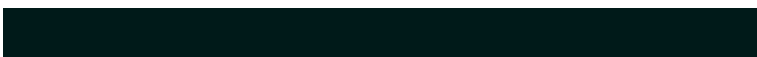
66, 10.266, 256.088



37, 3.691, 198.979



57, 34.229, 196.373



7, 9.138, 199.091

Inverse Universe

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



63, 12.828, 20.625



77, 19.604, 21.029



67, 10.806, 71.416



35, 3.911, 19.905



31, 70.927, 39.523



2, 9.156, 19.399

Previews

White Background



This preview shows how the CIELCh color 70, 11.421, 198.505 looks on a white background.

Color Contrast Check

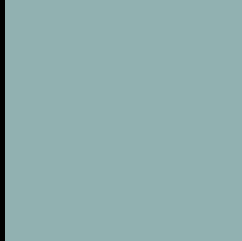
Large Text (above 18pt) WCAG AA × Fail

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 70, 11.421, 198.505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

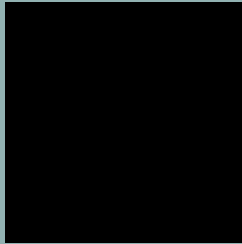
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

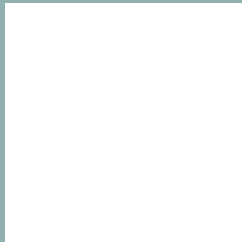
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 11.421, 198.505

Background



This preview shows how black text looks on a background with the CIELCh color 70, 11.421, 198.505.

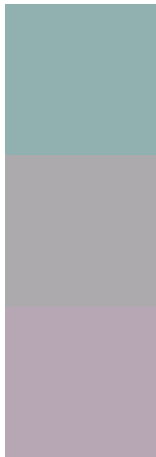


This preview shows how white text looks on a background with the CIELCh color 70, 11.421, 198.505.

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
70, 11.421, 198.505

Protanopia
70, 2.010, 324.420

Deuteranopia
70, 10.000, 330.252



Tritanopia
70, 11.931, 239.019

Trichromacy



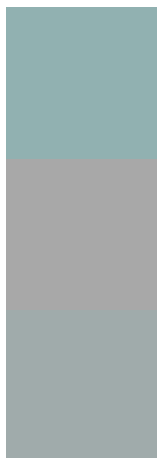
Original Color
70, 11.421, 198.505

Protanomaly
70, 3.826, 215.889

Deuteranomaly
70, 4.944, 286.416

Tritanomaly
70, 11.168, 225.006

Monochromacy



Original Color
70, 11.421, 198.505

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 4.076, 199.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 11.421, 198.505 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(145, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(145, 177, 177)  
}
```

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(145, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 177, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 11.421, 198.505 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(145, 177, 177) }
```

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

```
.border{ border-color:rgb(145, 177, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 177, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(145, 177,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 11.421, 198.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 177, 177) }
```

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

```
.background{ background-color: rgb(145,  
177, 177) }
```

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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