

Converting Colors

CIELCh(70, 22.276, 220.548)

Have a look what the booklet for
CIELCh(70, 22.276, 220.548)
contains.

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Color

CIELCh(70, 22.354, 221.198)

Conversions

Conversions Part 1

Format	Color
Hex	73B5C5
RGB	115, 181, 197
RGB Percent	45%, 71%, 77%
CMY	0.5488, 0.2900, 0.2273
CMYK	0.42, 0.08, 0.00, 0.23
HSL	192°, 41%, 61%
HSV	192°, 42%, 77%
XYZ	33.6945, 40.7494, 58.9427
YIQ	163.0900, -44.4720, -9.0160

Conversions

Conversions Part 2

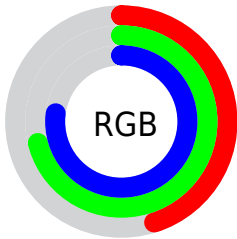
Format	Color
RYB	115, 152, 197
Decimal	7583173
CIELab	70.00, -16.82, -14.72
CIElCh	70, 22.354, 221.198
Yxy	40.7494, 0.2526, 0.3055
Android (android.graphics.Color)	4285773253 (0xFF73B5C5)
YUV	163.0900, 16.7176, -42.1749
Hunter-Lab	63.8353, -17.4933, -10.0611

Details

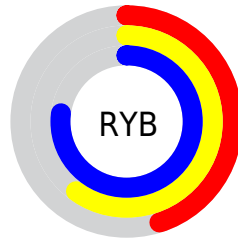
The CIELCh color **70, 22.354, 221.198** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61, 30.263, 39.030**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 22.519, 221.456**, and **50, 22.330, 220.891** is the 20% darker color. If you saturate the color by 10%, you get **68, 26.390, 222.371**, and if you desaturate by 10%, it is **72, 17.705, 220.328**.

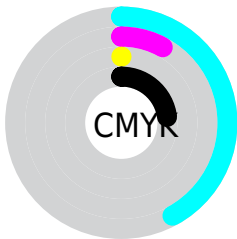
Distribution



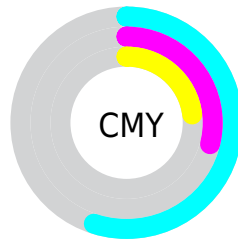
- Red (45%)
- Green (71%)
- Blue (77%)



- Red (45%)
- Yellow (60%)
- Blue (77%)



- Cyan (42%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)





- Cyan (55%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 22.354, 221.198 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, 22.354, 221.198 by changing the saturation by 10% instead.


 70, 22.354,
221.198


 70, 22.354,
221.198


 100, 22.354,
221.198


 60, 22.354,
221.198


 90, 22.354,
221.198

 50, 22.354,
221.198

 40, 22.354,
221.198

 30, 22.354,
221.198

 20, 22.354,
221.198

 10, 22.354,
221.198

 0, 22.354, 221.198

70, 22.354,
221.198

70, 22.354,
221.198

68, 26.390,
222.371

72, 17.705,
220.328

66, 29.738,
223.925

74, 12.533,
219.711

65, 32.350,
225.938

77, 6.932, 219.308

63, 34.228,
228.492

79, 0.987, 219.489

82, 5.224, 38.671

62, 35.438,
231.652

84, 11.635, 38.648

61, 36.118,
234.688

87, 18.191, 38.655

88, 18.309, 45.047

89, 17.977, 52.516

Harmonies

Complementary

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



70, 22.354, 221.198



61, 30.263, 39.030

Rectangle

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



70, 22.354, 221.198



70, 22.354, 271.198



70, 22.354, 41.198



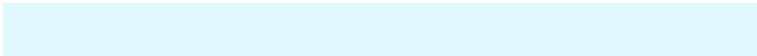
70, 22.354, 91.198

Sweetspot

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



70, 22.354, 221.195



96, 8.818, 219.325



73, 47.074, 146.524



51, 5.828, 219.368



0, 0.000, 0.000



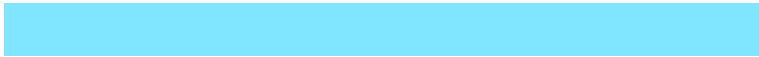
53, 0.007, 296.813

Same Dimension

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



70, 22.354, 221.195



86, 31.659, 222.258



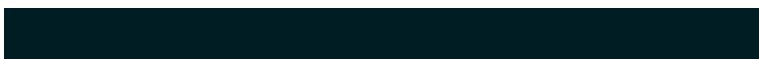
59, 32.409, 279.416



41, 3.431, 219.250



51, 31.370, 234.106



9, 11.181, 225.379

Inverse Universe

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



59, 46.760, 333.059



71, 68.151, 333.706



71, 32.344, 87.059



39, 6.447, 330.907



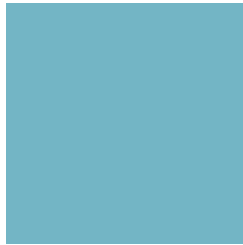
37, 71.222, 337.752



4, 22.545, 334.780

Previews

White Background



This preview shows how the CIELCh color 70, 22.354, 221.198 looks on a white background.

Color Contrast Check

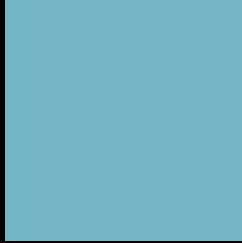
Large Text (above 18pt) WCAG AA × Fail

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, 22.354, 221.198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

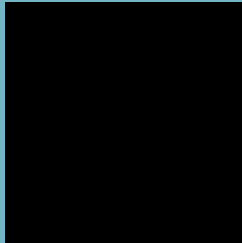
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 22.354, 221.198

Background



This preview shows how black text looks on a background with the CIELCh color 70, 22.354, 221.198.



This preview shows how white text looks on a background with the CIELCh color 70, 22.354, 221.198.

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
70, 22.228, 219.781

Trichromacy



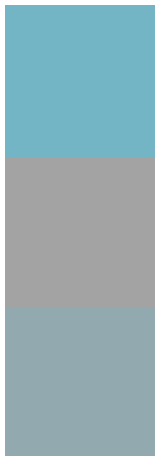
Original Color
70, 22.354, 221.198

Protanomaly
70, 13.101, 251.949

Deuteranomaly
69, 16.594, 267.514

Tritanomaly
70, 22.228, 219.781

Monochromacy



Original Color
70, 22.354, 221.198

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 8.977, 216.706

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 22.354, 221.198 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(115, 181, 197)` looks like.

```
.text, #text, p{  
    color:rgb(115, 181, 197)  
}
```

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(115, 181, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 181, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 22.354, 221.198 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(115, 181, 197) }
```

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

```
.border{ border-color:rgb(115, 181, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 181, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 181, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 181, 197);  
box-shadow:4px 4px 4px 4px rgb(115, 181,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 22.354, 221.198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 181, 197) }
```

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

```
.background{ background-color: rgb(115,  
181, 197) }
```

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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