

Converting Colors

CIELCh(70, 35.539, 240.056)

Have a look what the booklet for
CIELCh(70, 35.539, 240.056)
contains.

CIELCh(70, 35.532, 239.752)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 35.532, 239.752)

Conversions

Conversions Part 1

Format	Color
Hex	49B7E2
RGB	73, 183, 226
RGB Percent	29%, 72%, 89%
CMY	0.7139, 0.2825, 0.1139
CMYK	0.68, 0.19, 0.00, 0.11
HSL	197°, 72%, 59%
HSV	197°, 68%, 89%
XYZ	33.3872, 40.7494, 78.0213
YIQ	155.0120, -79.3630, -9.9470

Conversions

Conversions Part 2

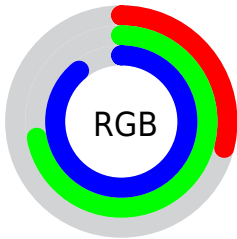
Format	Color
RYB	73, 137, 226
Decimal	4831202
CIELab	70.00, -17.90, -30.69
CIElCh	70, 35.532, 239.752
Yxy	40.7494, 0.2194, 0.2678
Android (android.graphics.Color)	4283021282 (0xFF49B7E2)
YUV	155.0120, 34.9971, -71.9245
Hunter-Lab	63.8353, -18.3525, -27.7812

Details

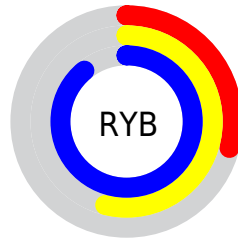
The CIELCh color **70, 35.532, 239.752** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **61, 58.158, 47.268**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 30.824, 213.440**, and **51, 33.504, 243.825** is the 20% darker color. If you saturate the color by 10%, you get **68, 38.561, 243.186**, and if you desaturate by 10%, it is **73, 31.870, 236.968**.

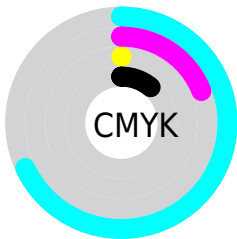
Distribution



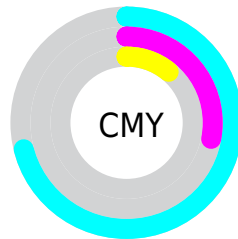
- Red (29%)
- Green (72%)
- Blue (89%)



- Red (29%)
- Yellow (54%)
- Blue (89%)



- Cyan (68%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)





- Cyan (71%)
- Magenta (28%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 35.532, 239.752 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, 35.532, 239.752 by changing the saturation by 10% instead.


 70, 35.532,
239.752


 70, 35.532,
239.752


 100, 35.532,
239.752


 60, 35.532,
239.752


 90, 35.532,
239.752

 50, 35.532,
239.752

 40, 35.532,
239.752

 30, 35.532,
239.752

 20, 35.532,
239.752

 10, 35.532,
239.752

 0, 35.532, 239.752

70, 35.532,
239.752

70, 35.532,
239.752

68, 38.561,
243.186

73, 31.870,
236.968

65, 41.047,
247.321

75, 27.565,
234.750

63, 43.172,
252.098

78, 22.656,
233.003

63, 43.662,
253.203

81, 17.210,
231.640

84, 11.312,
230.591

87, 5.044, 229.826

91, 1.517, 48.704

94, 8.302, 48.517

Harmonies

Complementary

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



70, 35.532, 239.752



61, 58.158, 47.268

Rectangle

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



70, 35.532, 239.752



70, 35.532, 289.752



70, 35.532, 59.752



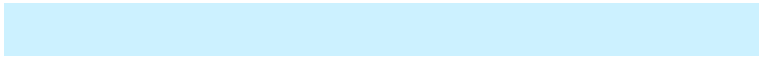
70, 35.532, 109.752

Sweetspot

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



70, 35.531, 239.752



93, 13.999, 230.819



80, 76.620, 145.705



49, 9.477, 231.106



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, 35.531, 239.752



75, 43.357, 244.686



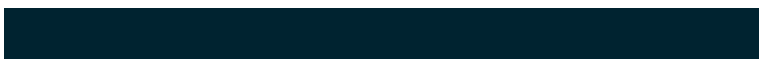
49, 68.460, 291.807



45, 3.677, 229.934



50, 35.978, 252.298



12, 14.004, 242.993

Inverse Universe

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



56, 74.384, 339.092



59, 90.059, 340.787



78, 61.622, 89.767



44, 6.698, 334.132



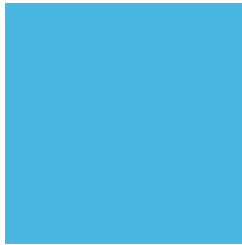
39, 70.796, 343.437



7, 29.739, 340.350

Previews

White Background



This preview shows how the CIE LCh color 70, 35.532, 239.752 looks on a white background.

Color Contrast Check

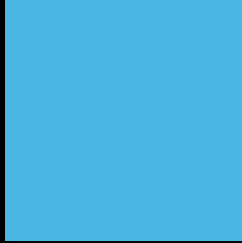
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 70, 35.532, 239.752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

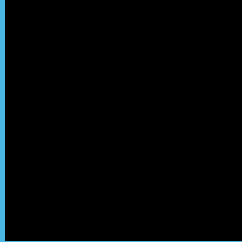
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

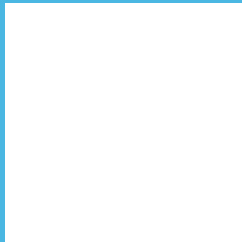
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 35.532, 239.752

Background



This preview shows how black text looks on a background with the CIELCh color 70, 35.532, 239.752.

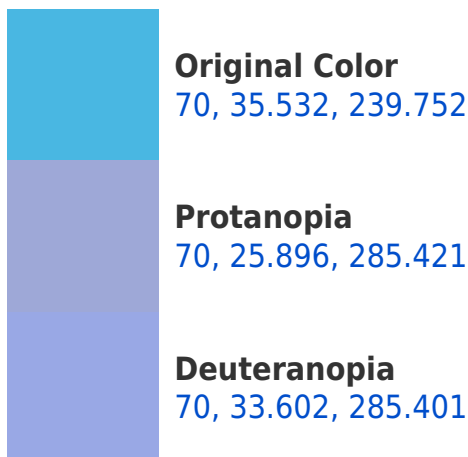


This preview shows how white text looks on a background with the CIELCh color 70, 35.532, 239.752.

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](#).

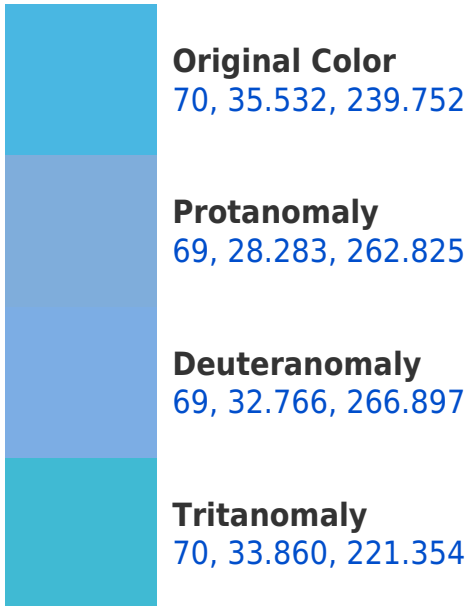
Dichromacy



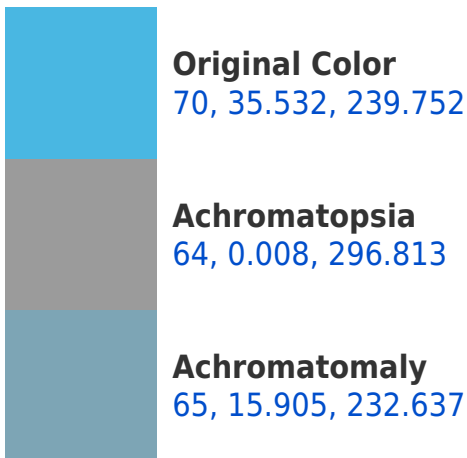


Tritanopia
70, 34.225, 211.030

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 35.532, 239.752 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(73, 183, 226)` looks like.

```
.text, #text, p{  
    color:rgb(73, 183, 226)  
}
```

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(73, 183, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 183, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 35.532, 239.752 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(73, 183, 226) }
```

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

```
.border{ border-color:rgb(73, 183, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 183, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 183, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 183, 226);  
box-shadow:4px 4px 4px 4px rgb(73, 183,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 35.532, 239.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 183, 226) }
```

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

```
.background{ background-color: rgb(73, 183,  
226) }
```

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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