

Converting Colors

CIELCh(70, 52.704, 151.879)

Have a look what the booklet for
CIELCh(70, 52.704, 151.879)
contains.

CIELCh(70, 52.399, 151.870)	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, 52.399, 151.870)

Conversions

Conversions Part 1

Format	Color
Hex	53BF7C
RGB	83, 191, 124
RGB Percent	33%, 75%, 49%
CMY	0.6729, 0.2495, 0.5123
CMYK	0.56, 0.00, 0.35, 0.25
HSL	143°, 46%, 54%
HSV	143°, 56%, 75%
XYZ	25.9772, 40.7494, 25.6815
YIQ	151.0700, -42.8610, -43.7330

Conversions

Conversions Part 2

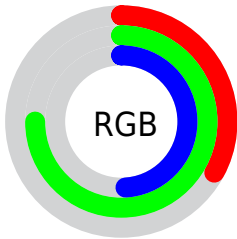
Format	Color
RYB	83, 161, 191
Decimal	5488508
CIELab	70.00, -46.21, 24.70
CIELCh	70, 52.399, 151.870
Yxy	40.7494, 0.2811, 0.4410
Android (android.graphics.Color)	4283678588 (0xFF53BF7C)
YUV	151.0700, -13.3455, -59.6974
Hunter-Lab	63.8353, -39.0727, 20.8318

Details

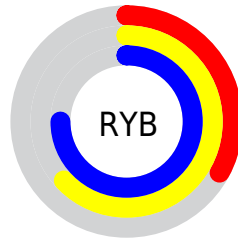
The CIELCh color **70, 52.399, 151.870** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **51, 53.343, 342.846**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 52.221, 151.795**, and **50, 52.821, 151.607** is the 20% darker color. If you saturate the color by 10%, you get **69, 60.285, 150.308**, and if you desaturate by 10%, it is **71, 43.841, 153.241**.

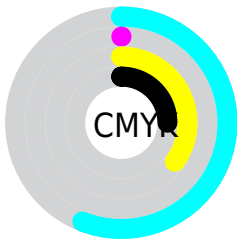
Distribution



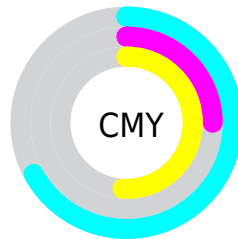
- Red (33%)
- Green (75%)
- Blue (49%)



- Red (33%)
- Yellow (63%)
- Blue (75%)



- Cyan (56%)
- Magenta (0%)
- Yellow (35%)
- Black (25%)





- Cyan (67%)
- Magenta (25%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 52.399, 151.870 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, 52.399, 151.870 by changing the saturation by 10% instead.


 70, 52.399,
151.870


 70, 52.399,
151.870


 100, 52.399,
151.870


 60, 52.399,
151.870


 90, 52.399,
151.870

 50, 52.399,
151.870

 40, 52.399,
151.870

 30, 52.399,
151.870

 20, 52.399,
151.870

 10, 52.399,
151.870

 0, 52.399, 151.870

70, 52.399,
151.870

70, 52.399,
151.870

69, 60.285,
150.308

71, 43.841,
153.241

69, 67.354,
148.546

72, 34.773,
154.440

68, 73.516,
146.597

73, 25.368,
155.491

68, 78.756,
144.507

75, 15.782,
156.417

68, 80.485,
143.790

76, 6.150, 157.262

78, 3.420, 337.821

80, 12.844,
338.540

82, 22.065,
339.132

■ 84, 30.874,
339.345

Harmonies

Complementary

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



70, 52.399, 151.870



51, 53.343, 342.846

Rectangle

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



70, 52.399, 151.870



70, 52.399, 201.870



70, 52.399, 331.870



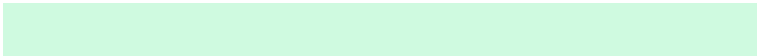
70, 52.399, 21.870

Sweetspot

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



70, 52.400, 151.870



95, 20.293, 156.342



73, 57.827, 121.494



50, 13.572, 156.161



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 52.400, 151.870



88, 76.094, 149.855



71, 34.487, 183.477



40, 5.494, 157.014



58, 70.219, 144.096



10, 20.033, 152.221

Inverse Universe

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



51, 53.343, 342.846



61, 76.119, 344.603



50, 46.640, 16.758



38, 5.535, 338.326



35, 62.588, 350.798



3, 17.126, 344.998

Previews

White Background



This preview shows how the CIELCh color 70, 52.399, 151.870 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, 52.399, 151.870 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, 52.399, 151.870

Background



This preview shows how black text looks on a background with the CIELCh color 70, 52.399, 151.870.

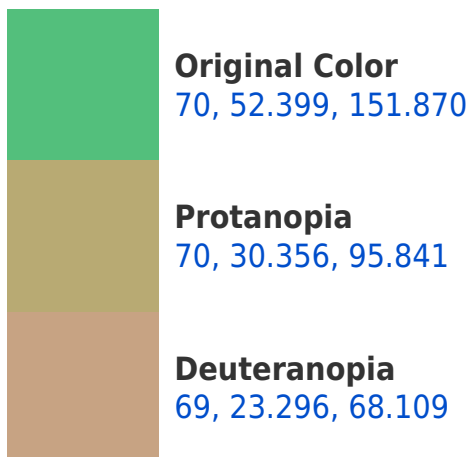


This preview shows how white text looks on a background with the CIELCh color 70, 52.399, 151.870.

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](#).

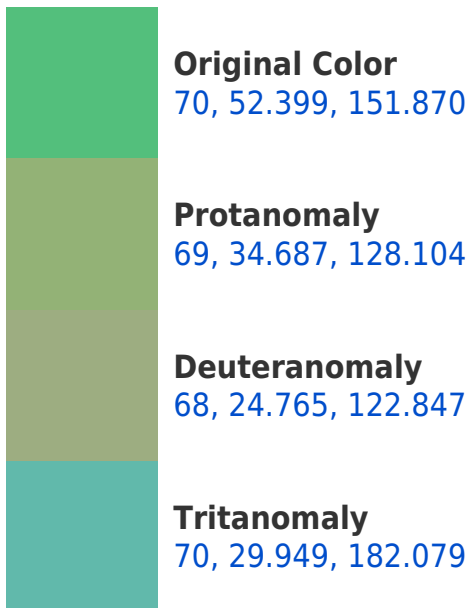
Dichromacy



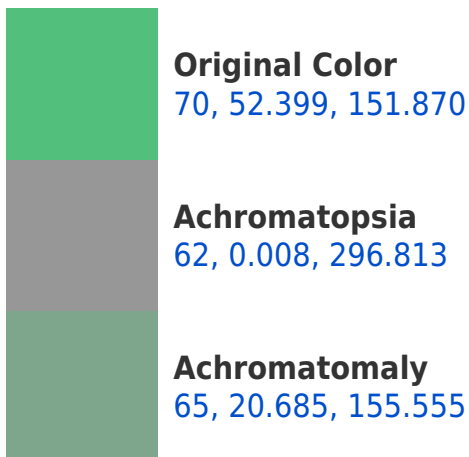


Tritanopia
70, 25.073, 216.987

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 52.399, 151.870 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(83, 191, 124)` looks like.

```
.text, #text, p{  
    color:rgb(83, 191, 124)  
}
```

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(83, 191, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 191, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 52.399, 151.870 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(83, 191, 124) }
```

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

```
.border{ border-color:rgb(83, 191, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 191, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 191, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 191, 124);  
box-shadow:4px 4px 4px 4px rgb(83, 191,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 52.399, 151.870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 191, 124) }
```

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

```
.background{ background-color: rgb(83, 191,  
124) }
```

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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