

Converting Colors

CIELCh(70, 70.397, 125.977)

Have a look what the booklet for
CIELCh(70, 70.397, 125.977)
contains.

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Color

CIELCh(70, 70.348, 125.903)

Conversions

Conversions Part 1

Format	Color
Hex	7CBC39
RGB	124, 188, 57
RGB Percent	49%, 74%, 22%
CMY	0.5122, 0.2612, 0.7749
CMYK	0.34, 0.00, 0.70, 0.26
HSL	89°, 53%, 48%
HSV	89°, 70%, 74%
XYZ	27.1859, 40.7494, 10.3558
YIQ	153.9300, 3.9070, -54.3090

Conversions

Conversions Part 2

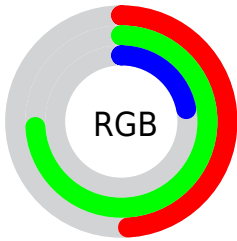
Format	Color
RYB	57, 188, 121
Decimal	8174649
CIELab	70.00, -41.25, 56.98
CIELCh	70, 70.348, 125.903
Yxy	40.7494, 0.3472, 0.5205
Android (android.graphics.Color)	4286364729 (0xFF7CBC39)
YUV	153.9300, -47.7865, -26.2486
Hunter-Lab	63.8353, -35.6929, 35.0662

Details

The CIELCh color **70, 70.348, 125.903** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **39, 78.408, 312.099**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 70.721, 126.040**, and **50, 67.198, 127.357** is the 20% darker color. If you saturate the color by 10%, you get **69, 77.526, 126.062**, and if you desaturate by 10%, it is **71, 61.781, 126.051**.

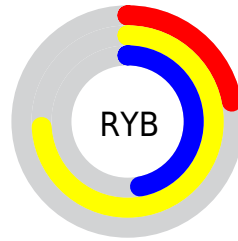
Distribution



Red (49%)

Green (74%)

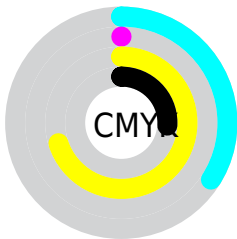
Blue (22%)



Red (22%)

Yellow (74%)

Blue (47%)

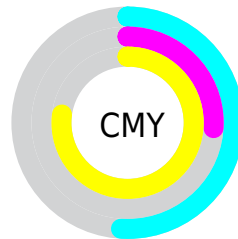


Cyan (34%)

Magenta (0%)

Yellow (70%)

Black (26%)



Cyan (51%)


Magenta (26%)


Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 70.348, 125.903 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, 70.348, 125.903 by changing the saturation by 10% instead.


 70, 70.348,
125.903


 70, 70.348,
125.903


 100, 70.348,
125.903


 60, 70.348,
125.903


 90, 70.348,
125.903

 50, 70.348,
125.903

 40, 70.348,
125.903

 30, 70.348,
125.903

 20, 70.348,
125.903

 10, 70.348,
125.903

 0, 70.348, 125.903

70, 70.348,
125.903

70, 70.348,
125.903

69, 77.526,
126.062

71, 61.781,
126.051

69, 82.875,
126.646

71, 52.263,
126.385

69, 86.431,
127.639

72, 42.138,
126.820

68, 86.586,
127.684

73, 31.653,
127.298

74, 20.976,
127.784

75, 10.228,
128.258

76, 0.512, 308.474

78, 11.183,
309.086

■ 79, 21.744,
309.463

Harmonies

Complementary

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



70, 70.348, 125.903



39, 78.408, 312.099

Rectangle

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



70, 70.348, 125.903



70, 70.348, 175.903



70, 70.348, 305.903



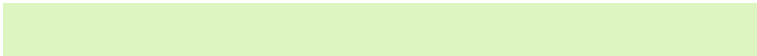
70, 70.348, 355.903

Sweetspot

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



70, 70.349, 125.904



94, 27.897, 127.697



57, 49.163, 65.057



49, 18.866, 127.563



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 70.349, 125.904



88, 97.812, 126.283



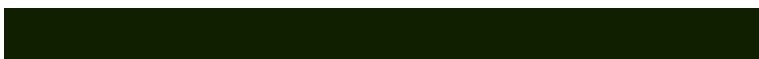
68, 80.201, 137.978



39, 6.089, 128.266



58, 75.894, 127.464



10, 19.064, 132.706

Inverse Universe

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



39, 78.408, 312.099



44, 111.291, 312.254



48, 78.995, 327.205



37, 6.174, 309.077



24, 87.399, 311.775



2, 18.044, 304.597

Previews

White Background



This preview shows how the CIELCh color 70, 70.348, 125.903 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, 70.348, 125.903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

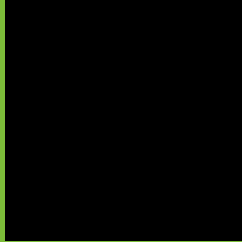
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 70.348, 125.903

Background



This preview shows how black text looks on a background with the CIELCh color 70, 70.348, 125.903.

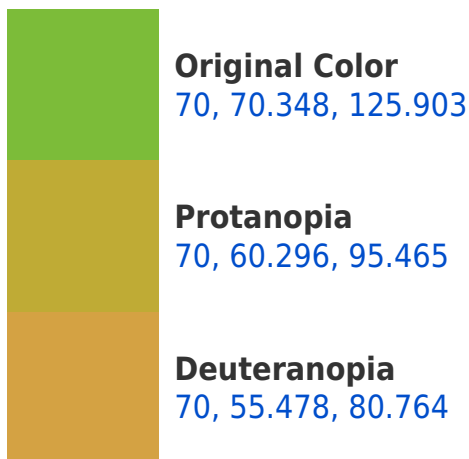


This preview shows how white text looks on a background with the CIELCh color 70, 70.348, 125.903.

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, 13.472, 233.549

Trichromacy



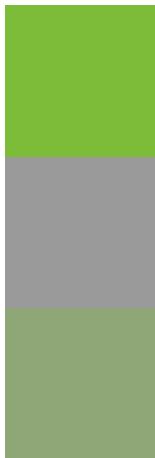
Original Color
70, 70.348, 125.903

Protanomaly
69, 61.269, 108.177

Deuteranomaly
69, 55.618, 100.815

Tritanomaly
70, 27.424, 146.584

Monochromacy



Original Color
70, 70.348, 125.903

Achromatopsia
64, 0.008, 296.813

Achromatomaly
66, 28.015, 127.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 70.348, 125.903 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(124, 188, 57)` looks like.

```
.text, #text, p{  
    color:rgb(124, 188, 57)  
}
```

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(124, 188, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 188, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 70.348, 125.903 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(124, 188, 57) }
```

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

```
.border{ border-color:rgb(124, 188, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 188, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 188, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 188, 57);  
box-shadow:4px 4px 4px 4px rgb(124, 188,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 70.348, 125.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 188, 57) }
```

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

```
.background{ background-color: rgb(124,  
188, 57) }
```

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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