

Converting Colors

CIELCh(69, 55.136, 118.673)

Have a look what the booklet for
CIELCh(69, 55.136, 118.673)
contains.

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Color

CIELCh(69, 55.372, 118.616)

Conversions

Conversions Part 1

Format	Color
Hex	95B44C
RGB	149, 180, 76
RGB Percent	58%, 71%, 30%
CMY	0.4173, 0.2957, 0.7035
CMYK	0.17, 0.00, 0.58, 0.30
HSL	78°, 41%, 50%
HSV	78°, 58%, 70%
XYZ	29.8488, 39.3444, 12.7878
YIQ	158.8750, 14.9080, -38.9160

Conversions

Conversions Part 2

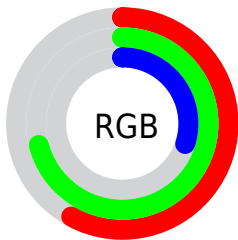
Format	Color
RYB	76, 180, 107
Decimal	9811020
CIELab	69.00, -26.52, 48.61
CIELCh	69, 55.372, 118.616
Yxy	39.3444, 0.3641, 0.4799
Android (android.graphics.Color)	4288001100 (0xFF95B44C)
YUV	158.8750, -40.8574, -8.6604
Hunter-Lab	62.7251, -24.8267, 31.8201

Details

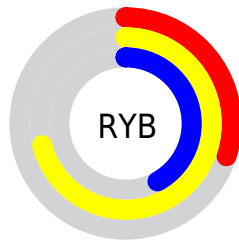
The CIELCh color **69, 55.372, 118.616** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **40, 63.157, 306.229**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 55.583, 118.638**, and **49, 55.375, 118.731** is the 20% darker color. If you saturate the color by 10%, you get **68, 63.275, 118.367**, and if you desaturate by 10%, it is **70, 46.608, 119.040**.

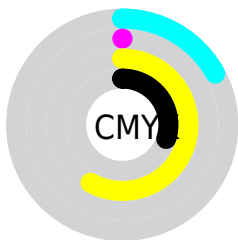
Distribution



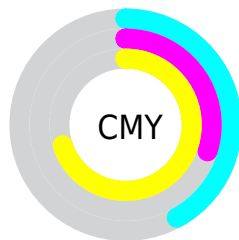
- Red (58%)
- Green (71%)
- Blue (30%)



- Red (30%)
- Yellow (71%)
- Blue (42%)



- Cyan (17%)
- Magenta (0%)
- Yellow (58%)
- Black (30%)





- Cyan (42%)
- Magenta (30%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 55.372, 118.616 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 69, 55.372, 118.616 by changing the saturation by 10% instead.


 69, 55.372,
118.616


 69, 55.372,
118.616


 100, 55.372,
118.616


 59, 55.372,
118.616


 89, 55.372,
118.616

 49, 55.372,
118.616

 99, 55.372,
118.616

 39, 55.372,
118.616

 29, 55.372,
118.616

 19, 55.372,
118.616

 9, 55.372, 118.616

 0, 55.372, 118.616

■ 69, 55.372,
118.616

■ 69, 55.372,
118.616

■ 68, 63.275,
118.367

■ 70, 46.608,
119.040

■ 68, 69.905,
118.383

■ 70, 37.290,
119.560

■ 68, 74.834,
118.774

■ 71, 27.637,
120.129

■ 67, 77.933,
119.583

■ 72, 17.793,
120.715

■ 67, 78.508,
119.762

■ 72, 7.858, 121.296

■ 73, 2.103, 301.828

■ 74, 12.040,
302.377

■ 75, 21.921,
302.879

■ 76, 31.720,
303.345

Harmonies

Complementary

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



69, 55.372, 118.616



40, 63.157, 306.229

Rectangle

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



69, 55.372, 118.616



69, 55.372, 168.616



69, 55.372, 298.616



69, 55.372, 348.616

Sweetspot

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



69, 55.373, 118.618



91, 21.003, 120.750



52, 39.730, 47.409



48, 14.031, 120.635



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 55.373, 118.618



87, 79.303, 118.343



66, 63.188, 135.004



37, 5.607, 121.214



58, 69.678, 119.582



8, 13.859, 125.544

Inverse Universe

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



40, 63.157, 306.229



45, 93.813, 307.310



46, 64.646, 320.621



35, 5.711, 302.278



20, 88.559, 308.436



1, 13.511, 299.155

Previews

White Background



This preview shows how the CIELCh color 69, 55.372, 118.616 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 69, 55.372, 118.616 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 69, 55.372, 118.616

Background



This preview shows how black text looks on a background with the CIELCh color 69, 55.372, 118.616.

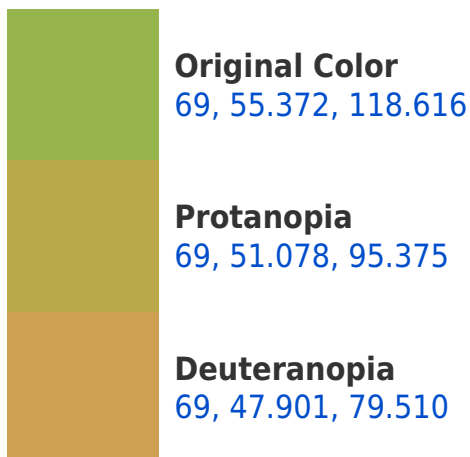


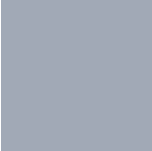
This preview shows how white text looks on a background with the CIELCh color 69, 55.372, 118.616.

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
69, 7.644, 268.703

Trichromacy



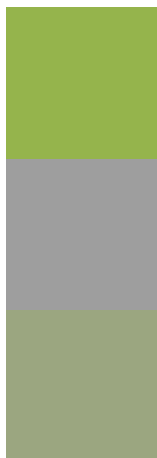
Original Color
69, 55.372, 118.616

Protanomaly
69, 51.538, 104.394

Deuteranomaly
68, 47.411, 95.047

Tritanomaly
69, 17.716, 130.620

Monochromacy



Original Color
69, 55.372, 118.616

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 21.284, 120.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 55.372, 118.616 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(149, 180, 76)` looks like.

```
.text, #text, p{  
    color:rgb(149, 180, 76)  
}
```

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(149, 180, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 180, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 55.372, 118.616 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(149, 180, 76) }
```

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

```
.border{ border-color:rgb(149, 180, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 180, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 180, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 180, 76);  
box-shadow:4px 4px 4px 4px rgb(149, 180,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 55.372, 118.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 180, 76) }
```

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

```
.background{ background-color: rgb(149,  
180, 76) }
```

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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