

Converting Colors

CIELCh(69, 62.356, 114.919)

Have a look what the booklet for
CIELCh(69, 62.356, 114.919)
contains.

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Color

CIELCh(69, 62.349, 114.911)

Conversions

Conversions Part 1

Format	Color
Hex	98B339
RGB	152, 179, 57
RGB Percent	60%, 70%, 22%
CMY	0.4029, 0.2970, 0.7754
CMYK	0.15, 0.00, 0.68, 0.30
HSL	73°, 52%, 46%
HSV	73°, 68%, 70%
XYZ	29.9168, 39.3444, 9.9231
YIQ	157.0190, 23.0700, -43.6660

Conversions

Conversions Part 2

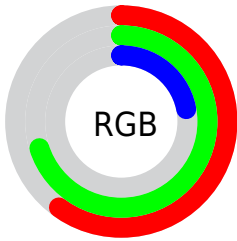
Format	Color
RYB	57, 179, 84
Decimal	10007353
CIELab	69.00, -26.26, 56.55
CIELCh	69, 62.349, 114.911
Yxy	39.3444, 0.3778, 0.4969
Android (android.graphics.Color)	4288197433 (0xFF98B339)
YUV	157.0190, -49.3094, -4.4017
Hunter-Lab	62.7251, -24.6333, 34.5279

Details

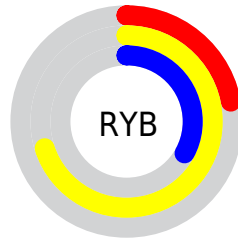
The CIELCh color **69, 62.349, 114.911** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **34, 74.675, 305.381**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 62.345, 114.934**, and **49, 59.319, 115.942** is the 20% darker color. If you saturate the color by 10%, you get **69, 68.749, 114.824**, and if you desaturate by 10%, it is **69, 54.653, 115.249**.

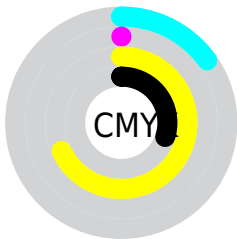
Distribution



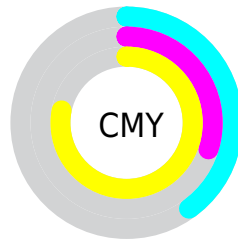
- Red (60%)
- Green (70%)
- Blue (22%)



- Red (22%)
- Yellow (70%)
- Blue (33%)



- Cyan (15%)
- Magenta (0%)
- Yellow (68%)
- Black (30%)





- Cyan (40%)
- Magenta (30%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 62.349, 114.911 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, 62.349, 114.911 by changing the saturation by 10% instead.


 69, 62.349,
114.911


 69, 62.349,
114.911


 100, 62.349,
114.911


 59, 62.349,
114.911


 89, 62.349,
114.911

 49, 62.349,
114.911

 99, 62.349,
114.911

 39, 62.349,
114.911

 29, 62.349,
114.911

 19, 62.349,
114.911

 9, 62.349, 114.911

 0, 62.349, 114.911

■ 69, 62.349,
114.911

■ 69, 62.349,
114.911

■ 69, 68.749,
114.824

■ 69, 54.653,
115.249

■ 68, 73.419,
115.076

■ 70, 46.072,
115.746

■ 68, 76.249,
115.704

■ 70, 36.923,
116.339

■ 68, 76.732,
115.835

■ 71, 27.425,
116.981

■ 72, 17.724,
117.641

■ 72, 7.918, 118.298

■ 73, 1.926, 298.925

■ 74, 11.763,
299.546

■ 75, 21.560,
300.127

Harmonies

Complementary

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



69, 62.349, 114.911



34, 74.675, 305.381

Rectangle

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



69, 62.349, 114.911



69, 62.349, 164.911



69, 62.349, 294.911



69, 62.349, 344.911

Sweetspot

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



69, 62.350, 114.913



90, 24.201, 117.490



47, 49.896, 42.318



48, 16.627, 117.307



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, 62.350, 114.913



86, 86.702, 114.910



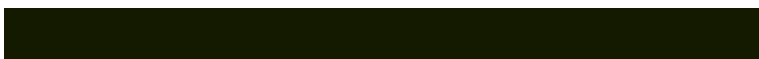
66, 71.004, 132.851



37, 5.549, 118.216



59, 68.223, 115.689



8, 13.649, 122.142

Inverse Universe

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



34, 74.675, 305.381



37, 109.422, 306.852



42, 73.799, 318.740



35, 5.660, 299.440



19, 89.627, 307.556



1, 13.429, 296.868

Previews

White Background



This preview shows how the CIELCh color 69, 62.349, 114.911 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, 62.349, 114.911 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, 62.349, 114.911

Background



This preview shows how black text looks on a background with the CIELCh color 69, 62.349, 114.911.



This preview shows how white text looks on a background with the CIELCh color 69, 62.349, 114.911.

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



Original Color
69, 62.349, 114.911

Protanopia
69, 58.743, 95.298

Deuteranopia
69, 55.751, 81.206



Tritanopia
69, 7.207, 282.191

Trichromacy



Original Color
69, 62.349, 114.911

Protanomaly
69, 59.148, 102.823

Deuteranomaly
69, 55.198, 94.635

Tritanomaly
69, 20.196, 121.918

Monochromacy



Original Color
69, 62.349, 114.911

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 24.405, 117.330

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 62.349, 114.911 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(152, 179, 57)` looks like.

```
.text, #text, p{  
    color:rgb(152, 179, 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(152, 179, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 179, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 62.349, 114.911 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(152, 179, 57) }
```

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

```
.border{ border-color:rgb(152, 179, 57) }
```

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

Here you see how a box with a 4 pixel rgb(152, 179, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 179, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 179, 57);  
box-shadow:4px 4px 4px 4px rgb(152, 179,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 62.349, 114.911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 179, 57) }
```

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

```
.background{ background-color: rgb(152,  
179, 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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