

Converting Colors

CIELCh(62, 81.251, 129.101)

Have a look what the booklet for
CIELCh(62, 81.251, 129.101)
contains.

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Color

CIELCh(62, 81.216, 129.112)

Conversions

Conversions Part 1

Format	Color
Hex	4FAA01
RGB	79, 170, 1
RGB Percent	31%, 67%, 0%
CMY	0.6903, 0.3334, 0.9962
CMYK	0.54, 0.00, 0.99, 0.33
HSL	92°, 99%, 34%
HSV	92°, 99%, 67%
XYZ	17.5970, 30.4025, 4.9679
YIQ	123.5250, 0.0130, -71.8510

Conversions

Conversions Part 2

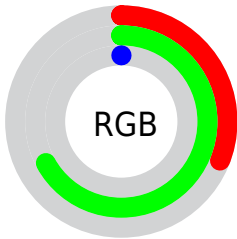
Format	Color
RYB	1, 170, 92
Decimal	5220865
CIELab	62.00, -51.23, 63.02
CIELCh	62, 81.216, 129.112
Yxy	30.4025, 0.3322, 0.5740
Android (android.graphics.Color)	4283410945 (0xFF4FAA01)
YUV	123.5250, -60.4048, -39.0484
Hunter-Lab	55.1385, -39.5256, 33.2550

Details

The CIELCh color **62, 81.216, 129.112** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **27, 91.029, 312.901**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 81.007, 129.063**, and **42, 67.364, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **62, 81.406, 129.159**, and if you desaturate by 10%, it is **62, 77.653, 128.233**.

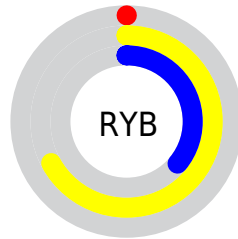
Distribution



Red (31%)

Green (67%)

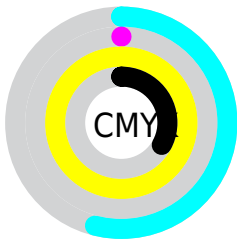
Blue (0%)



Red (0%)

Yellow (67%)

Blue (36%)

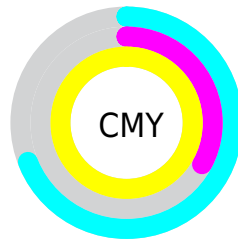


Cyan (54%)

Magenta (0%)

Yellow (99%)

Black (33%)



Cyan (69%)


Magenta (33%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 81.216, 129.112 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 62, 81.216, 129.112 by changing the saturation by 10% instead.


 62, 81.216,
129.112


 62, 81.216,
129.112


 100, 81.216,
129.112


 52, 81.216,
129.112


 82, 81.216,
129.112


 42, 81.216,
129.112


 92, 81.216,
129.112

 32, 81.216,
129.112

 22, 81.216,
129.112

 12, 81.216,
129.112

 2, 81.216, 129.112

 0, 81.216, 129.112

■ 62, 81.216,
129.112

■ 62, 81.216,
129.112

■ 62, 81.406,
129.159

■ 62, 77.653,
128.233

■ 63, 72.487,
127.722

■ 63, 65.663,
127.619

■ 64, 57.588,
127.802

■ 65, 48.658,
128.156

■ 66, 39.185,
128.599

■ 66, 29.392,
129.076

■ 67, 19.434,

129.552

■ 69, 9.421, 130.012

Harmonies

Complementary

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



62, 81.216, 129.112



27, 91.029, 312.901

Rectangle

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



62, 81.216, 129.112



62, 81.216, 179.112



62, 81.216, 309.112



62, 81.216, 359.112

Sweetspot

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



62, 81.216, 129.113



84, 37.189, 129.023



47, 61.808, 63.774



45, 25.533, 128.826



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



62, 81.216, 129.113



79, 99.598, 129.450



61, 87.614, 136.337



35, 5.604, 130.019



54, 73.355, 128.975



5, 10.394, 132.576

Inverse Universe

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



27, 91.029, 312.901



36, 111.530, 312.672



40, 82.994, 329.583



33, 5.673, 310.782



23, 82.307, 313.005



1, 10.073, 307.814

Previews

White Background



This preview shows how the CIELCh color 62, 81.216, 129.112 looks on a white background.

Color Contrast Check

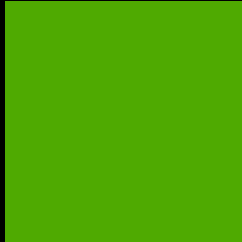
Large Text (above 18pt) WCAG AA × Fail

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 62, 81.216, 129.112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

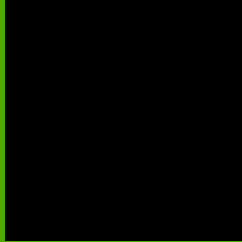
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 81.216, 129.112

Background



This preview shows how black text looks on a background with the CIELCh color 62, 81.216, 129.112.



This preview shows how white text looks on a background with the CIELCh color 62, 81.216, 129.112.

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
62, 81.216, 129.112

Protanopia
61, 65.564, 95.061

Deuteranopia
61, 59.070, 82.301



Tritanopia
62, 19.256, 220.432

Trichromacy



Original Color
62, 81.216, 129.112

Protanomaly
61, 68.265, 110.857

Deuteranomaly
61, 61.972, 104.965

Tritanomaly
61, 39.390, 147.787

Monochromacy



Original Color
62, 81.216, 129.112

Achromatopsia
52, 0.007, 296.813

Achromatomaly
54, 36.877, 128.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 81.216, 129.112 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(79, 170, 1)` looks like.

```
.text, #text, p{  
    color:rgb(79, 170, 1)  
}
```

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(79, 170, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 170, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 81.216, 129.112 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(79, 170, 1) }
```

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

```
.border{ border-color:rgb(79, 170, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 170, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 170, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 170, 1);  
box-shadow:4px 4px 4px 4px rgb(79, 170, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 62, 81.216, 129.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 170, 1) }
```

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

```
.background{ background-color: rgb(79, 170,  
1) }
```

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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