

Converting Colors

CIELCh(62, 84.304, 132.003)

Have a look what the booklet for
CIELCh(62, 84.304, 132.003)
contains.

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Color

CIELCh(62, 84.462, 132.070)

Conversions

Conversions Part 1

Format	Color
Hex	3DAC01
RGB	61, 172, 1
RGB Percent	24%, 67%, 0%
CMY	0.7619, 0.3264, 0.9941
CMYK	0.65, 0.00, 0.99, 0.33
HSL	99°, 98%, 34%
HSV	99°, 99%, 67%
XYZ	16.6229, 30.4025, 5.0345
YIQ	119.3170, -11.2650, -76.7130

Conversions

Conversions Part 2

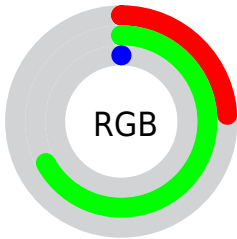
Format	Color
RYB	1, 172, 112
Decimal	4041729
CIELab	62.00, -56.59, 62.70
CIELCh	62, 84.462, 132.070
Yxy	30.4025, 0.3193, 0.5840
Android (android.graphics.Color)	4282231809 (0xFF3DAC01)
YUV	119.3170, -58.3303, -51.1440
Hunter-Lab	55.1385, -42.6791, 33.1833

Details

The CIELCh color **62, 84.462, 132.070** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **31, 89.533, 316.000**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 84.373, 132.057**, and **43, 67.775, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **62, 84.756, 132.122**, and if you desaturate by 10%, it is **62, 80.782, 131.391**.

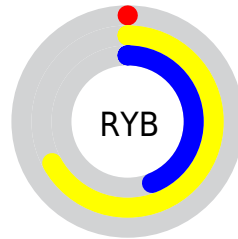
Distribution



Red (24%)

Green (67%)

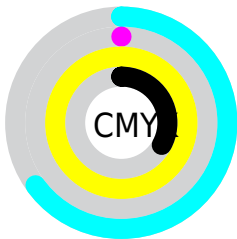
Blue (0%)



Red (0%)

Yellow (67%)

Blue (44%)

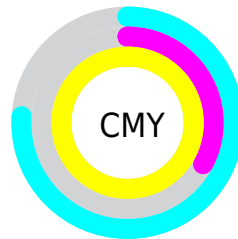


Cyan (65%)

Magenta (0%)

Yellow (99%)

Black (33%)



Cyan (76%)


Magenta (33%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 84.462, 132.070 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, 84.462, 132.070 by changing the saturation by 10% instead.

 62, 84.462,
132.070


 62, 84.462,
132.070


 100, 84.462,
132.070

 52, 84.462,
132.070


 82, 84.462,
132.070

 42, 84.462,
132.070

 92, 84.462,
132.070

 32, 84.462,
132.070

 22, 84.462,
132.070

 12, 84.462,
132.070

 2, 84.462, 132.070

 0, 84.462, 132.070

■ 62, 84.462,
132.070

■ 62, 84.462,
132.070

■ 62, 84.756,
132.122

■ 62, 80.782,
131.391

■ 63, 75.363,
131.060

■ 63, 68.216,
131.108

■ 64, 59.766,
131.411

■ 65, 50.425,
131.856

■ 66, 40.519,
132.363

■ 67, 30.285,
132.878

■ 68, 19.895,

133.374

■ 69, 9.469, 133.839

Harmonies

Complementary

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



62, 84.462, 132.070



31, 89.533, 316.000

Rectangle

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



62, 84.462, 132.070



62, 84.462, 182.070



62, 84.462, 312.070



62, 84.462, 2.070

Sweetspot

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



62, 84.462, 132.071



85, 38.749, 132.806



52, 61.071, 74.437



44, 26.367, 132.597



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, 84.462, 132.071



79, 103.780, 132.373



61, 85.222, 137.784



36, 5.916, 133.831



55, 76.745, 131.970



6, 12.714, 136.250

Inverse Universe

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



31, 89.533, 316.000



40, 109.819, 315.771



39, 76.375, 335.157



34, 5.971, 314.568



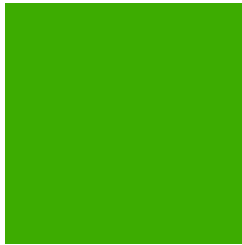
26, 81.437, 316.064



1, 12.208, 311.063

Previews

White Background



This preview shows how the CIELCh color 62, 84.462, 132.070 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, 84.462, 132.070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

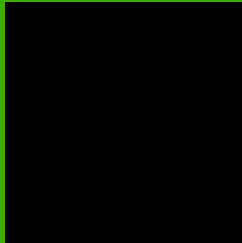
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 84.462, 132.070

Background



This preview shows how black text looks on a background with the CIELCh color 62, 84.462, 132.070.

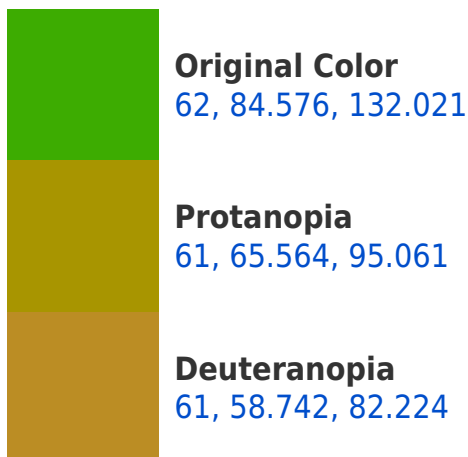


This preview shows how white text looks on a background with the CIELCh color 62, 84.462, 132.070.

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
62, 22.711, 216.582

Trichromacy



Original Color
62, 84.576, 132.021



Protanomaly
61, 68.707, 113.415



Deuteranomaly
60, 62.177, 107.905



Tritanomaly
61, 42.740, 152.256

Monochromacy



Original Color
62, 84.576, 132.021



Achromatopsia
50, 0.007, 296.813



Achromatomaly
53, 38.679, 131.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 84.462, 132.070 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(61, 172, 1)` looks like.

```
.text, #text, p{  
    color:rgb(61, 172, 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(61, 172, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 172, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 84.462, 132.070 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(61, 172, 1) }
```

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

```
.border{ border-color:rgb(61, 172, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 172, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 172, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 172, 1);  
box-shadow:4px 4px 4px 4px rgb(61, 172, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 62, 84.462, 132.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 172, 1) }
```

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

```
.background{ background-color: rgb(61, 172,  
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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