

Converting Colors

CIELCh(64, 72.610, 113.547)

Have a look what the booklet for
CIELCh(64, 72.610, 113.547)
contains.

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Color

CIELCh(64, 72.178, 113.834)

Conversions

Conversions Part 1

Format	Color
Hex	88A700
RGB	136, 167, 0
RGB Percent	53%, 65%, 0%
CMY	0.4673, 0.3457, 1.0000
CMYK	0.19, 0.00, 1.00, 0.35
HSL	71°, 100%, 33%
HSV	71°, 100%, 65%
XYZ	23.9162, 32.8017, 5.0607
YIQ	138.6930, 35.1310, -58.5090

Conversions

Conversions Part 2

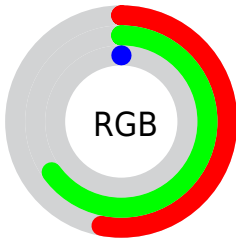
Format	Color
RYB	0, 167, 31
Decimal	8955648
CIELab	64.00, -29.17, 66.02
CIELCh	64, 72.178, 113.834
Yxy	32.8017, 0.3871, 0.5310
Android (android.graphics.Color)	4287145728 (0xFF88A700)
YUV	138.6930, -68.3756, -2.3618
Hunter-Lab	57.2727, -25.6885, 34.8520

Details

The CIELCh color **64, 72.178, 113.834** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **20, 96.034, 307.192**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **84, 72.112, 113.819**, and **44, 56.502, 119.072** is the 20% darker color. If you saturate the color by 10%, you get **64, 72.134, 113.846**, and if you desaturate by 10%, it is **64, 69.604, 113.328**.

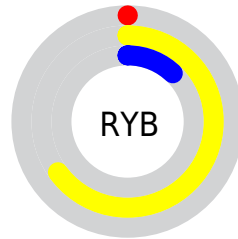
Distribution



Red (53%)

Green (65%)

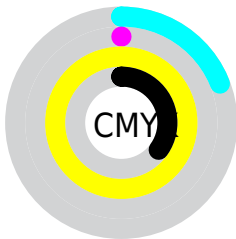
Blue (0%)



Red (0%)

Yellow (65%)

Blue (12%)

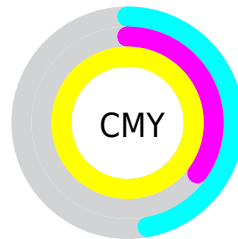


Cyan (19%)

Magenta (0%)

Yellow (100%)

Black (35%)



Cyan (47%)

Magenta (35%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 72.178, 113.834 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 64, 72.178, 113.834 by changing the saturation by 10% instead.

 64, 72.178,
113.834

 64, 72.178,
113.834


 100, 72.178,
113.834

 54, 72.178,
113.834


 84, 72.178,
113.834

 44, 72.178,
113.834

 94, 72.178,
113.834

 34, 72.178,
113.834

 24, 72.178,
113.834

 14, 72.178,
113.834

 4, 72.178, 113.834

 0, 72.178, 113.834

■ 64, 72.178,
113.834

■ 64, 72.178,
113.834

■ 64, 72.134,
113.846

■ 64, 69.604,
113.328

■ 65, 65.558,
113.107

■ 65, 59.824,
113.215

■ 65, 52.797,
113.569

■ 66, 44.876,
114.087

■ 66, 36.374,
114.705

■ 67, 27.510,
115.378

■ 67, 18.432,

116.073

■ 68, 9.237, 116.768

Harmonies

Complementary

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



64, 72.178, 113.834



20, 96.034, 307.192

Rectangle

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



64, 72.178, 113.834



64, 72.178, 163.834



64, 72.178, 293.834



64, 72.178, 343.834

Sweetspot

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



64, 72.134, 113.846



84, 34.025, 115.340



36, 72.535, 43.176



45, 23.330, 115.064



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 72.134, 113.846



81, 87.723, 114.033



60, 83.564, 132.735



35, 5.264, 116.817



57, 65.995, 113.745



6, 9.712, 119.690

Inverse Universe

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



20, 96.034, 307.192



28, 116.899, 307.077



30, 87.398, 316.917



33, 5.372, 298.115



17, 87.810, 307.258



1, 9.630, 296.444

Previews

White Background



This preview shows how the CIELCh color 64, 72.178, 113.834 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 64, 72.178, 113.834 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 64, 72.178, 113.834

Background



This preview shows how black text looks on a background with the CIELCh color 64, 72.178, 113.834.

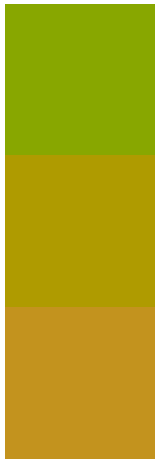


This preview shows how white text looks on a background with the CIELCh color 64, 72.178, 113.834.

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

64, 72.178, 113.834

Protanopia

64, 67.509, 94.943

Deuteranopia

64, 63.011, 82.663



Tritanopia
64, 6.908, 275.444

Trichromacy



Original Color
64, 72.178, 113.834

Protanomaly
64, 68.083, 102.079

Deuteranomaly
63, 64.210, 95.273

Tritanomaly
63, 29.641, 118.442

Monochromacy



Original Color
64, 72.178, 113.834

Achromatopsia
58, 0.007, 296.813

Achromatomaly
60, 33.901, 114.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 72.178, 113.834 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(136, 167, 0)` looks like.

```
.text, #text, p{  
    color:rgb(136, 167, 0)  
}
```

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(136, 167, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 167, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 72.178, 113.834 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(136, 167, 0) }
```

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

```
.border{ border-color:rgb(136, 167, 0) }
```

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

Here you see how a box with a 4 pixel rgb(136, 167, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 167, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 167, 0);  
box-shadow:4px 4px 4px 4px rgb(136, 167,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 72.178, 113.834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 167, 0) }
```

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

```
.background{ background-color: rgb(136,  
167, 0) }
```

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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