

Converting Colors

CIELCh(51, 61.188, 114.660)

Have a look what the booklet for
CIELCh(51, 61.188, 114.660)
contains.

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Color

CIELCh(51, 60.670, 114.722)

Conversions

Conversions Part 1

Format	Color
Hex	688300
RGB	104, 131, 0
RGB Percent	41%, 51%, 0%
CMY	0.5910, 0.4852, 0.9981
CMYK	0.21, 0.00, 1.00, 0.49
HSL	72°, 99%, 26%
HSV	72°, 100%, 51%
XYZ	13.8987, 19.2686, 3.0002
YIQ	107.9930, 25.9590, -46.4650

Conversions

Conversions Part 2

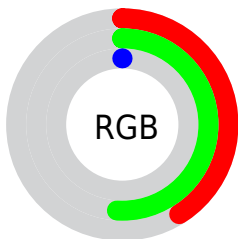
Format	Color
RYB	0, 131, 27
Decimal	6849280
CIELab	51.00, -25.37, 55.11
CIELCh	51, 60.670, 114.722
Yxy	19.2686, 0.3843, 0.5328
Android (android.graphics.Color)	4285039360 (0xFF688300)
YUV	107.9930, -53.2405, -3.5019
Hunter-Lab	43.8960, -20.3000, 26.6749

Details

The CIELCh color **51, 60.670, 114.722** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **15, 80.006, 307.486**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 60.621, 114.584**, and **31, 44.850, 121.220** is the 20% darker color. If you saturate the color by 10%, you get **51, 60.768, 114.738**, and if you desaturate by 10%, it is **51, 58.033, 114.293**.

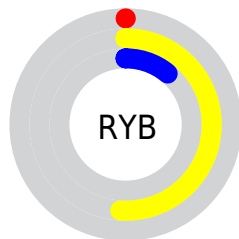
Distribution



Red (41%)

Green (51%)

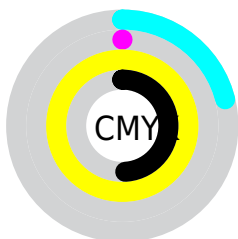
Blue (0%)



Red (0%)

Yellow (51%)

Blue (11%)

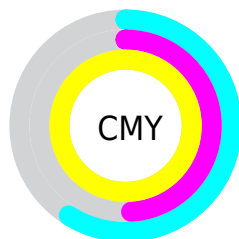


Cyan (21%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (59%)


Magenta (49%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 60.670, 114.722 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 51, 60.670, 114.722 by changing the saturation by 10% instead.


 51, 60.670,
114.722


 51, 60.670,
114.722


 100, 60.670,
114.722


 41, 60.670,
114.722


 71, 60.670,
114.722

 31, 60.670,
114.722

 81, 60.670,
114.722

 21, 60.670,
114.722

 91, 60.670,
114.722

 11, 60.670,
114.722

 1, 60.670, 114.722

 0, 60.670, 114.722

■ 51, 60.670,
114.722

■ 51, 60.670,
114.722

■ 51, 60.768,
114.738

■ 51, 58.033,
114.293

■ 51, 54.354,
114.103

■ 52, 49.376,
114.225

■ 52, 43.424,
114.574

■ 52, 36.800,
115.074

■ 53, 29.740,
115.665

■ 53, 22.407,
116.305

■ 54, 14.913,

116.963

■ 54, 7.332, 117.621

Harmonies

Complementary

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



51, 60.670, 114.722



15, 80.006, 307.486

Rectangle

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



51, 60.670, 114.722



51, 60.670, 164.722



51, 60.670, 294.722



51, 60.670, 344.722

Sweetspot

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



51, 60.670, 114.724



68, 28.115, 116.236



28, 59.123, 43.480



36, 19.284, 116.003



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



51, 60.670, 114.724



65, 73.761, 114.989



48, 70.050, 132.773



28, 4.327, 117.653



51, 60.353, 114.728



1, 1.040, 118.237

Inverse Universe

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



15, 80.006, 307.486



21, 97.497, 307.353



23, 72.915, 317.642



26, 4.412, 298.854



15, 79.668, 307.524



0, 1.041, 298.237

Previews

White Background



This preview shows how the CIE LCh color 51, 60.670, 114.722 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 60.670, 114.722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

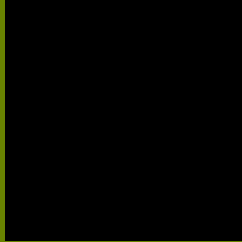
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 60.670, 114.722

Background



This preview shows how black text looks on a background with the CIELCh color 51, 60.670, 114.722.



This preview shows how white text looks on a background with the CIELCh color 51, 60.670, 114.722.

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](#).

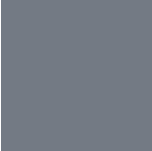
Dichromacy



Original Color
51, 60.670, 114.722

Protanopia
51, 56.662, 95.476

Deuteranopia
51, 51.850, 82.678



Tritanopia
51, 6.358, 266.065

Trichromacy



Original Color
51, 60.670, 114.722

Protanomaly
51, 57.149, 102.852

Deuteranomaly
51, 53.254, 95.921

Tritanomaly
50, 24.306, 121.634

Monochromacy



Original Color
51, 60.670, 114.722

Achromatopsia
46, 0.006, 296.813

Achromatomaly
47, 27.405, 115.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 60.670, 114.722 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(104, 131, 0)` looks like.

```
.text, #text, p{  
    color:rgb(104, 131, 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(104, 131, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 131, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 60.670, 114.722 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(104, 131, 0) }
```

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

```
.border{ border-color:rgb(104, 131, 0) }
```

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

Here you see how a box with a 4 pixel rgb(104, 131, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 131, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 131, 0);  
box-shadow:4px 4px 4px 4px rgb(104, 131,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 60.670, 114.722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 131, 0) }
```

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

```
.background{ background-color: rgb(104,  
131, 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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