

Converting Colors

CIELCh(51, 64.358, 121.271)

Have a look what the booklet for
CIELCh(51, 64.358, 121.271)
contains.

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Color

CIELCh(51, 63.913, 121.162)

Conversions

Conversions Part 1

Format	Color
Hex	598600
RGB	89, 134, 0
RGB Percent	35%, 53%, 0%
CMY	0.6498, 0.4734, 0.9981
CMYK	0.34, 0.00, 1.00, 0.47
HSL	80°, 99%, 26%
HSV	80°, 100%, 53%
XYZ	12.7153, 19.2686, 3.0630
YIQ	105.2690, 16.1940, -51.2140

Conversions

Conversions Part 2

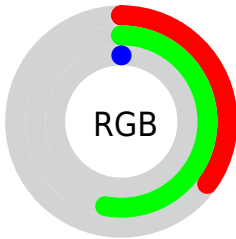
Format	Color
RYB	0, 134, 45
Decimal	5867008
CIELab	51.00, -33.07, 54.69
CIELCh	51, 63.913, 121.162
Yxy	19.2686, 0.3628, 0.5498
Android (android.graphics.Color)	4284057088 (0xFF598600)
YUV	105.2690, -51.8976, -14.2679
Hunter-Lab	43.8960, -25.1123, 26.5901

Details

The CIELCh color **51, 63.913, 121.162** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **17, 79.667, 309.077**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 64.330, 121.376**, and **31, 49.061, 128.904** is the 20% darker color. If you saturate the color by 10%, you get **51, 64.023, 121.186**, and if you desaturate by 10%, it is **51, 60.956, 120.465**.

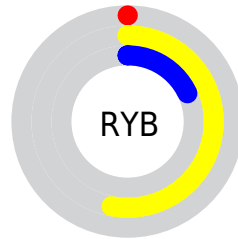
Distribution



Red (35%)

Green (53%)

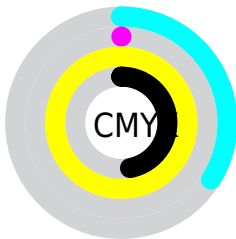
Blue (0%)



Red (0%)

Yellow (53%)

Blue (18%)

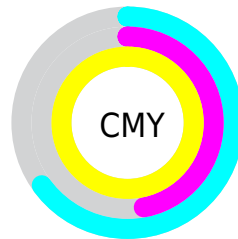


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (65%)


Magenta (47%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 63.913, 121.162 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, 63.913, 121.162 by changing the saturation by 10% instead.


 51, 63.913,
121.162


 51, 63.913,
121.162


 100, 63.913,
121.162


 41, 63.913,
121.162


 71, 63.913,
121.162


 31, 63.913,
121.162


 81, 63.913,
121.162

 21, 63.913,
121.162

 91, 63.913,
121.162

 11, 63.913,
121.162

 1, 63.913, 121.162

 0, 63.913, 121.162

■ 51, 63.913,
121.162

■ 51, 63.913,
121.162

■ 51, 64.023,
121.186

■ 51, 60.956,
120.465

■ 52, 56.932,
120.047

■ 52, 51.611,
119.995

■ 52, 45.316,
120.206

■ 53, 38.353,
120.585

■ 53, 30.959,
121.062

■ 54, 23.299,
121.587

■ 55, 15.489,

122.128

■ 55, 7.605, 122.666

Harmonies

Complementary

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



51, 63.913, 121.162



17, 79.667, 309.077

Rectangle

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



51, 63.913, 121.162



51, 63.913, 171.162



51, 63.913, 301.162



51, 63.913, 351.162

Sweetspot

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



51, 63.913, 121.163



68, 29.052, 121.532



32, 56.743, 49.960



35, 19.696, 121.342



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, 63.913, 121.163



65, 77.381, 121.516



49, 73.050, 134.798



28, 4.407, 122.694



49, 62.535, 121.140



1, 1.058, 123.158

Inverse Universe

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



17, 79.667, 309.077



23, 96.571, 308.874



27, 72.655, 322.055



26, 4.482, 303.642



16, 78.009, 309.120



0, 1.059, 303.157

Previews

White Background



This preview shows how the CIELCh color 51, 63.913, 121.162 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, 63.913, 121.162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

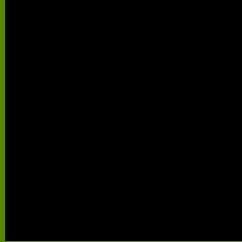
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 63.913, 121.162

Background



This preview shows how black text looks on a background with the CIELCh color 51, 63.913, 121.162.

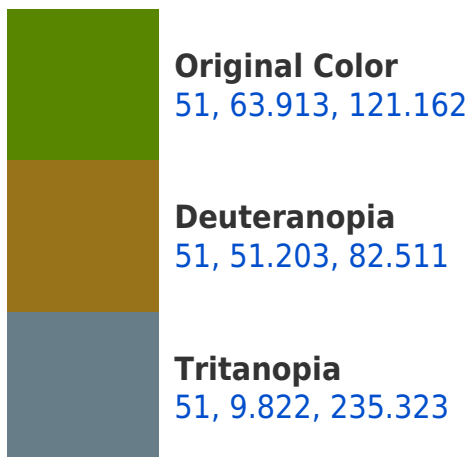


This preview shows how white text looks on a background with the CIELCh color 51, 63.913, 121.162.

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



Trichromacy



Original Color
51, 63.913, 121.162

Deuteranomaly
50, 52.793, 99.099

Tritanomaly
50, 27.304, 134.649

Monochromacy



Original Color
51, 63.913, 121.162

Achromatopsia
45, 0.006, 296.813

Achromatomaly
46, 28.621, 120.885

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 63.913, 121.162 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(89, 134, 0)` looks like.

```
.text, #text, p{  
    color:rgb(89, 134, 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(89, 134, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 134, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 63.913, 121.162 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(89, 134, 0) }
```

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

```
.border{ border-color:rgb(89, 134, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 134, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 134, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 134, 0);  
box-shadow:4px 4px 4px 4px rgb(89, 134, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 51, 63.913, 121.162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 134, 0) }
```

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

```
.background{ background-color: rgb(89, 134,  
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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