

Converting Colors

CIELCh(61, 77.315, 125.549)

Have a look what the booklet for
CIELCh(61, 77.315, 125.549)
contains.

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Color

CIELCh(61, 77.033, 125.641)

Conversions

Conversions Part 1

Format	Color
Hex	5DA500
RGB	93, 165, 0
RGB Percent	36%, 65%, 0%
CMY	0.6352, 0.3528, 0.9997
CMYK	0.44, 0.00, 1.00, 0.35
HSL	86°, 100%, 32%
HSV	86°, 100%, 65%
XYZ	17.9769, 29.2481, 4.6995
YIQ	124.6620, 10.0530, -66.5790

Conversions

Conversions Part 2

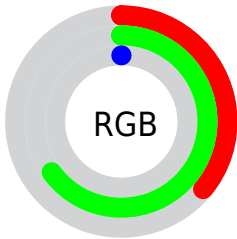
Format	Color
RYB	0, 165, 72
Decimal	6137088
CIELab	61.00, -44.89, 62.60
CIElCh	61, 77.033, 125.641
Yxy	29.2481, 0.3462, 0.5633
Android (android.graphics.Color)	4284327168 (0xFF5DA500)
YUV	124.6620, -61.4584, -27.7676
Hunter-Lab	54.0815, -35.3086, 32.7050

Details

The CIELCh color **61, 77.033, 125.641** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **24, 91.215, 310.644**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 77.378, 125.596**, and **41, 62.657, 132.829** is the 20% darker color. If you saturate the color by 10%, you get **61, 77.046, 125.646**, and if you desaturate by 10%, it is **61, 73.752, 124.718**.

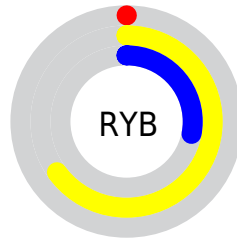
Distribution



Red (36%)

Green (65%)

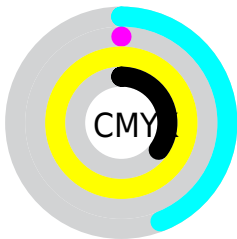
Blue (0%)



Red (0%)

Yellow (65%)

Blue (28%)

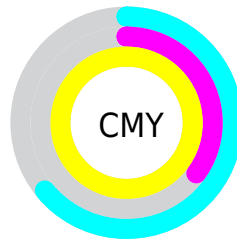


Cyan (44%)

Magenta (0%)

Yellow (100%)

Black (35%)



Cyan (64%)


Magenta (35%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 77.033, 125.641 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 61, 77.033, 125.641 by changing the saturation by 10% instead.


 61, 77.033,
125.641


 61, 77.033,
125.641


 100, 77.033,
125.641


 51, 77.033,
125.641


 81, 77.033,
125.641

 41, 77.033,
125.641

 91, 77.033,
125.641

 31, 77.033,
125.641

 21, 77.033,
125.641

 11, 77.033,
125.641

 1, 77.033, 125.641

 0, 77.033, 125.641

■ 61, 77.033,
125.641

■ 61, 77.033,
125.641

■ 61, 77.046,
125.646

■ 61, 73.752,
124.718

■ 62, 69.016,
124.148

■ 62, 62.669,
123.994

■ 63, 55.099,
124.137

■ 64, 46.689,
124.468

■ 64, 37.740,
124.902

■ 65, 28.466,
125.385

■ 66, 19.014,

125.880

■ 67, 9.486, 126.369

Harmonies

Complementary

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



61, 77.033, 125.641



24, 91.215, 310.644

Rectangle

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



61, 77.033, 125.641



61, 77.033, 175.641



61, 77.033, 305.641



61, 77.033, 355.641

Sweetspot

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



61, 77.033, 125.642



82, 35.236, 125.356



42, 63.316, 55.788



43, 23.949, 125.161



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



61, 77.033, 125.642



77, 93.798, 125.947



59, 86.096, 135.700



34, 5.339, 126.403



54, 70.088, 125.471



4, 8.417, 128.702

Inverse Universe

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



24, 91.215, 310.644



32, 111.017, 310.443



37, 83.750, 325.649



32, 5.419, 307.246



21, 83.018, 310.761



1, 8.263, 305.331

Previews

White Background



This preview shows how the CIE LCh color 61, 77.033, 125.641 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 61, 77.033, 125.641 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 61, 77.033, 125.641

Background



This preview shows how black text looks on a background with the CIELCh color 61, 77.033, 125.641.



This preview shows how white text looks on a background with the CIELCh color 61, 77.033, 125.641.

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
61, 77.033, 125.641

Protanopia
61, 64.866, 95.376

Deuteranopia
61, 58.819, 82.572



Tritanopia
61, 15.305, 227.127

Trichromacy



Original Color
61, 77.033, 125.641

Protanomaly
60, 66.942, 108.725

Deuteranomaly
60, 61.021, 101.929

Tritanomaly
60, 34.943, 142.186

Monochromacy



Original Color
61, 77.033, 125.641

Achromatopsia
52, 0.007, 296.813

Achromatomaly
55, 35.436, 125.301

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 77.033, 125.641 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(93, 165, 0)` looks like.

```
.text, #text, p{  
    color:rgb(93, 165, 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(93, 165, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 165, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 77.033, 125.641 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(93, 165, 0) }
```

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

```
.border{ border-color:rgb(93, 165, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 165, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 165, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 165, 0);  
box-shadow:4px 4px 4px 4px rgb(93, 165, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 61, 77.033, 125.641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 165, 0) }
```

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

```
.background{ background-color: rgb(93, 165,  
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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