

Converting Colors

CIELCh(60, 98.318, 134.599)

Have a look what the booklet for
CIELCh(60, 98.318, 134.599)
contains.

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Color

CIELCh(61, 88.399, 136.016)

Conversions

Conversions Part 1

Format	Color
Hex	05AB03
RGB	5, 171, 3
RGB Percent	2%, 67%, 1%
CMY	0.9796, 0.3285, 0.9895
CMYK	0.97, 0.00, 0.98, 0.33
HSL	119°, 97%, 34%
HSV	119°, 98%, 67%
XYZ	14.6840, 29.2481, 4.9477
YIQ	102.2140, -45.0080, -87.4400

Conversions

Conversions Part 2

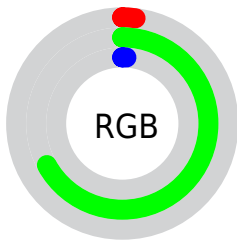
Format	Color
R_{YB}	3, 171, 169
Decimal	371459
CIE Lab	61.00, -63.61, 61.39
CIE LCh	61, 88.399, 136.016
Yxy	29.2481, 0.3004, 0.5984
Android (android.graphics.Color)	4278561539 (0xFF05AB03)
YUV	102.2140, -48.9125, -85.2567
Hunter-Lab	54.0815, -46.1771, 32.4329

Details

The CIELCh color **61, 88.399, 136.016** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **40, 85.476, 327.637**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **81, 88.488, 136.100**, and **42, 67.364, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **61, 88.784, 135.948**, and if you desaturate by 10%, it is **61, 85.548, 136.462**.

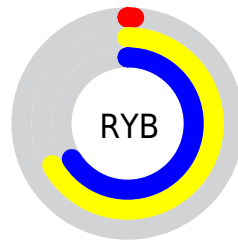
Distribution



Red (2%)

Green (67%)

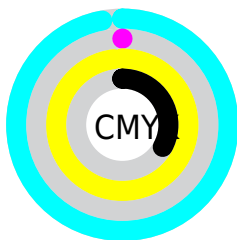
Blue (1%)



Red (1%)

Yellow (67%)

Blue (66%)

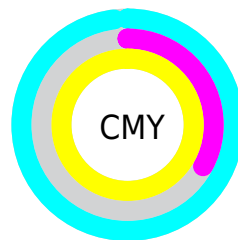


Cyan (97%)

Magenta (0%)

Yellow (98%)

Black (33%)



Cyan (98%)


Magenta (33%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 88.399, 136.016 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, 88.399, 136.016 by changing the saturation by 10% instead.


 61, 88.399,
136.016


 61, 88.399,
136.016


 100, 88.399,
136.016


 51, 88.399,
136.016


 81, 88.399,
136.016

 41, 88.399,
136.016

 91, 88.399,
136.016

 31, 88.399,
136.016

 21, 88.399,
136.016

 11, 88.399,
136.016

 1, 88.399, 136.016

 0, 88.399, 136.016

■ 61, 88.399,
136.016

■ 61, 88.399,
136.016

■ 61, 88.784,
135.948

■ 61, 85.548,
136.462

■ 61, 80.573,
137.193

■ 62, 73.498,
138.165

■ 63, 64.752,
139.236

■ 63, 54.787,
140.298

■ 64, 44.001,
141.283

■ 66, 32.720,
142.161

■ 67, 21.206,

142.926

■ 69, 9.658, 143.592

Harmonies

Complementary

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



61, 88.399, 136.016



40, 85.476, 327.637

Rectangle

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



61, 88.399, 136.016



61, 88.399, 186.016



61, 88.399, 316.016



61, 88.399, 6.016

Sweetspot

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



61, 88.398, 136.017



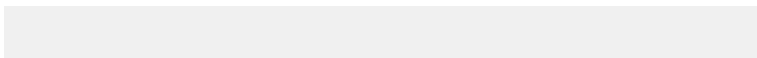
83, 42.585, 141.987



67, 70.697, 101.850



43, 29.233, 141.631



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



61, 88.398, 136.017



77, 107.744, 135.966



62, 66.366, 148.783



36, 6.548, 143.537



54, 80.713, 135.936



6, 13.800, 144.118

Inverse Universe

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



40, 85.476, 327.637



52, 104.094, 327.633



37, 62.901, 359.614



34, 6.560, 324.515



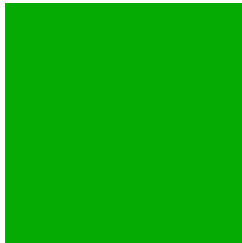
35, 78.010, 327.649



2, 13.758, 323.848

Previews

White Background



This preview shows how the CIELCh color 61, 88.399, 136.016 looks on a white background.

Color Contrast Check

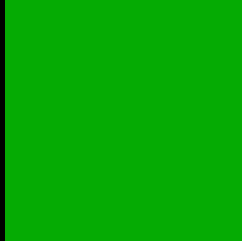
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 61, 88.399, 136.016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

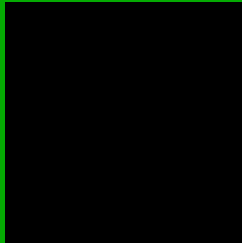
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 88.399, 136.016

Background



This preview shows how black text looks on a background with the CIELCh color 61, 88.399, 136.016.



This preview shows how white text looks on a background with the CIELCh color 61, 88.399, 136.016.

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, 88.281, 136.039

Protanopia

61, 64.866, 95.376

Deuteranopia

61, 57.501, 82.262



Tritanopia
61, 26.561, 213.483

Trichromacy



Original Color
61, 88.281, 136.039



Protanomaly
59, 70.887, 120.409



Deuteranomaly
58, 62.978, 116.454



Tritanomaly
60, 48.178, 157.387

Monochromacy



Original Color
61, 88.281, 136.039



Achromatopsia
43, 0.006, 296.813



Achromatomaly
48, 42.642, 140.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 88.399, 136.016 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(5, 171, 3)` looks like.

```
.text, #text, p{  
    color:rgb(5, 171, 3)  
}
```

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(5, 171, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 171, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 88.399, 136.016 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(5, 171, 3) }
```

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

```
.border{ border-color:rgb(5, 171, 3) }
```

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

Here you see how a box with a 4 pixel rgb(5, 171, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 171, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 171, 3); box-shadow:4px  
4px 4px 4px rgb(5, 171, 3) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 88.399, 136.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 171, 3) }
```

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

```
.background{ background-color: rgb(5, 171,  
3) }
```

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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