

Converting Colors

CIELCh(61, 68.756, 113.026)

Have a look what the booklet for
CIELCh(61, 68.756, 113.026)
contains.

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Color

CIELCh(61, 68.785, 113.036)

Conversions

Conversions Part 1

Format	Color
Hex	839E02
RGB	131, 158, 2
RGB Percent	51%, 62%, 1%
CMY	0.4866, 0.3807, 0.9928
CMYK	0.17, 0.00, 0.99, 0.38
HSL	70°, 98%, 31%
HSV	70°, 99%, 62%
XYZ	21.5697, 29.2481, 4.5609
YIQ	132.1430, 33.9840, -54.2400

Conversions

Conversions Part 2

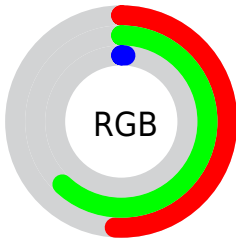
Format	Color
R_{YB}	2, 158, 29
Decimal	8625666
CIE _{Lab}	61.00, -26.92, 63.30
CIE _{LCh}	61, 68.785, 113.036
Yxy	29.2481, 0.3895, 0.5281
Android (android.graphics.Color)	4286815746 (0xFF839E02)
YUV	132.1430, -64.1605, -1.0024
Hunter-Lab	54.0815, -23.4504, 32.8570

Details

The CIELCh color **61, 68.785, 113.036** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **19, 91.676, 307.040**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 68.788, 113.037**, and **41, 53.557, 118.677** is the 20% darker color. If you saturate the color by 10%, you get **61, 69.068, 113.089**, and if you desaturate by 10%, it is **61, 66.201, 112.603**.

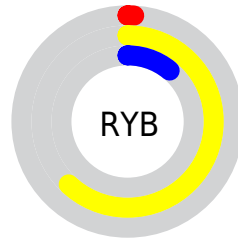
Distribution



Red (51%)

Green (62%)

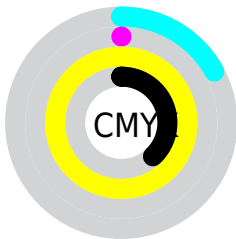
Blue (1%)



Red (1%)

Yellow (62%)

Blue (11%)

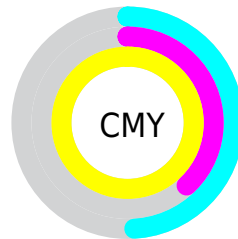


Cyan (17%)

Magenta (0%)

Yellow (99%)

Black (38%)



Cyan (49%)


Magenta (38%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 68.785, 113.036 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, 68.785, 113.036 by changing the saturation by 10% instead.


 61, 68.785,
113.036


 61, 68.785,
113.036


 100, 68.785,
113.036


 51, 68.785,
113.036


 81, 68.785,
113.036

 41, 68.785,
113.036

 91, 68.785,
113.036

 31, 68.785,
113.036

 21, 68.785,
113.036

 11, 68.785,
113.036

 1, 68.785, 113.036

 0, 68.785, 113.036

■ 61, 68.785,
113.036

■ 61, 68.785,
113.036

■ 61, 69.068,
113.089

■ 61, 66.201,
112.603

■ 61, 62.094,
112.470

■ 62, 56.426,
112.645

■ 62, 49.583,
113.045

■ 63, 41.934,
113.594

■ 63, 33.763,
114.235

■ 63, 25.269,
114.925

■ 64, 16.585,

115.633

■ 65, 7.797, 116.340

Harmonies

Complementary

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



61, 68.785, 113.036



19, 91.676, 307.040

Rectangle

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



61, 68.785, 113.036



61, 68.785, 163.036



61, 68.785, 293.036



61, 68.785, 343.036

Sweetspot

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



61, 68.785, 113.038



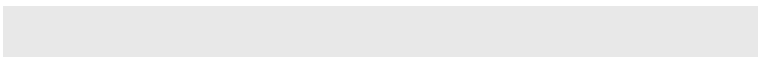
81, 32.674, 114.802



34, 69.171, 42.532



43, 22.403, 114.526



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 68.785, 113.038



78, 84.356, 113.278



57, 79.473, 132.282



33, 4.992, 116.311



56, 64.145, 113.006



4, 6.579, 118.113

Inverse Universe

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



19, 91.676, 307.040



26, 112.877, 307.001



28, 83.759, 316.506



31, 5.094, 297.628



16, 85.696, 307.174



0, 6.557, 296.605

Previews

White Background



This preview shows how the CIELCh color 61, 68.785, 113.036 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, 68.785, 113.036 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, 68.785, 113.036

Background



This preview shows how black text looks on a background with the CIELCh color 61, 68.785, 113.036.



This preview shows how white text looks on a background with the CIELCh color 61, 68.785, 113.036.

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, 68.785, 113.036

Protanopia
61, 64.936, 94.965

Deuteranopia
61, 60.515, 82.495



Tritanopia
61, 6.275, 280.595

Trichromacy



Original Color
61, 68.785, 113.036

Protanomaly
61, 65.404, 102.055

Deuteranomaly
60, 61.702, 94.881

Tritanomaly
60, 28.132, 117.463

Monochromacy



Original Color
61, 68.785, 113.036

Achromatopsia
55, 0.007, 296.813

Achromatomaly
57, 31.414, 113.665

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 68.785, 113.036 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(131, 158, 2)` looks like.

```
.text, #text, p{  
    color:rgb(131, 158, 2)  
}
```

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(131, 158, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 158, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 68.785, 113.036 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(131, 158, 2) }
```

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

```
.border{ border-color:rgb(131, 158, 2) }
```

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

Here you see how a box with a 4 pixel rgb(131, 158, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 158, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 158, 2);  
box-shadow:4px 4px 4px 4px rgb(131, 158,  
2) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 68.785, 113.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 158, 2) }
```

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

```
.background{ background-color: rgb(131,  
158, 2) }
```

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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