

Converting Colors

CIELCh(61, 75.806, 126.285)

Have a look what the booklet for
CIELCh(61, 75.806, 126.285)
contains.

CIELCh(61, 75.828, 126.399)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	26

Color

CIELCh(61, 75.828, 126.399)

Conversions

Conversions Part 1

Format	Color
Hex	5CA50B
RGB	92, 165, 11
RGB Percent	36%, 65%, 4%
CMY	0.6388, 0.3526, 0.9560
CMYK	0.44, 0.00, 0.93, 0.35
HSL	88°, 87%, 35%
HSV	88°, 93%, 65%
XYZ	17.9564, 29.2481, 5.0219
YIQ	125.6170, 5.9260, -63.3700

Conversions

Conversions Part 2

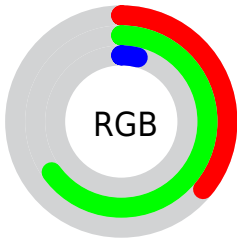
Format	Color
RYB	11, 165, 84
Decimal	6071563
CIELab	61.00, -45.00, 61.03
CIELCh	61, 75.828, 126.399
Yxy	29.2481, 0.3438, 0.5600
Android (android.graphics.Color)	4284261643 (0xFF5CA50B)
YUV	125.6170, -56.5062, -29.4821
Hunter-Lab	54.0815, -35.3763, 32.3515

Details

The CIELCh color **61, 75.828, 126.399** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **26, 87.502, 311.692**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 76.104, 126.334**, and **41, 62.782, 132.993** is the 20% darker color. If you saturate the color by 10%, you get **61, 78.034, 127.032**, and if you desaturate by 10%, it is **61, 71.570, 125.680**.

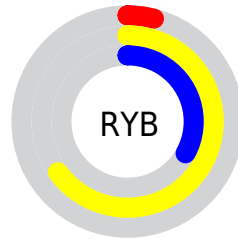
Distribution



Red (36%)

Green (65%)

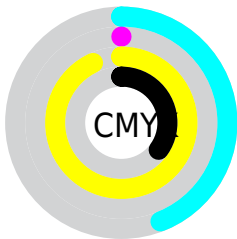
Blue (4%)



Red (4%)

Yellow (65%)

Blue (33%)

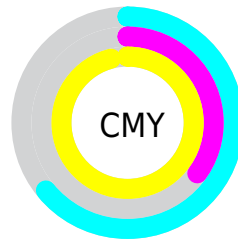


Cyan (44%)

Magenta (0%)

Yellow (93%)

Black (35%)



Cyan (64%)


Magenta (35%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 75.828, 126.399 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, 75.828, 126.399 by changing the saturation by 10% instead.


 61, 75.828,
126.399


 61, 75.828,
126.399


 100, 75.828,
126.399


 51, 75.828,
126.399


 81, 75.828,
126.399

 41, 75.828,
126.399

 91, 75.828,
126.399

 31, 75.828,
126.399

 21, 75.828,
126.399

 11, 75.828,
126.399

 1, 75.828, 126.399

 0, 75.828, 126.399

■ 61, 75.828,
126.399

■ 61, 75.828,
126.399

■ 61, 78.034,
127.032

■ 61, 71.570,
125.680

■ 62, 65.604,
125.407

■ 62, 58.280,
125.471

■ 63, 49.999,
125.752

■ 64, 41.092,
126.158

■ 65, 31.802,
126.623

■ 65, 22.296,
127.107

■ 66, 12.691,

127.585

■ 67, 3.069, 128.061

Harmonies

Complementary

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



61, 75.828, 126.399



26, 87.502, 311.692

Rectangle

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



61, 75.828, 126.399



61, 75.828, 176.399



61, 75.828, 306.399



61, 75.828, 356.399

Sweetspot

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



61, 75.828, 126.400



82, 33.211, 126.850



45, 58.971, 59.684



43, 22.850, 126.651



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, 75.828, 126.400



77, 94.992, 127.334



59, 84.596, 136.137



34, 5.382, 127.770



54, 70.957, 126.856



4, 8.481, 129.899

Inverse Universe

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



26, 87.502, 311.692



33, 110.123, 311.221



39, 82.145, 326.940



32, 5.458, 308.576



21, 82.363, 311.545



1, 8.317, 306.575

Previews

White Background



This preview shows how the CIELCh color 61, 75.828, 126.399 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, 75.828, 126.399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

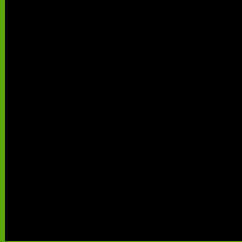
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 75.828, 126.399

Background



This preview shows how black text looks on a background with the CIELCh color 61, 75.828, 126.399.



This preview shows how white text looks on a background with the CIELCh color 61, 75.828, 126.399.

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, 75.828, 126.399

Deuteranopia
61, 58.172, 82.422

Tritanopia
61, 15.575, 226.564

Trichromacy



Original Color
61, 75.828, 126.399

Deuteranomaly
60, 59.761, 102.040

Tritanomaly
60, 33.348, 144.768

Monochromacy



Original Color
61, 75.828, 126.399

Achromatopsia
53, 0.007, 296.813

Achromatomaly
55, 33.269, 125.958

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 75.828, 126.399 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(92, 165, 11)` looks like.

```
.text, #text, p{  
    color:rgb(92, 165, 11)  
}
```

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(92, 165, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 165, 11) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 75.828, 126.399 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(92, 165, 11) }
```

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

```
.border{ border-color:rgb(92, 165, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 165, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 165, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 165, 11);  
box-shadow:4px 4px 4px 4px rgb(92, 165,  
11) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 75.828, 126.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 165, 11) }
```

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

```
.background{ background-color: rgb(92, 165,  
11) }
```

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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