

Converting Colors

CIELCh(61, 104.711, 126.462)

Have a look what the booklet for
CIELCh(61, 104.711, 126.462)
contains.

CIELCh(61, 86.124, 133.713)	3
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Color

CIELCh(61, 86.124, 133.713)

Conversions

Conversions Part 1

Format	Color
Hex	2BAA00
RGB	43, 170, 0
RGB Percent	17%, 67%, 0%
CMY	0.8298, 0.3335, 1.0000
CMYK	0.74, 0.00, 1.00, 0.33
HSL	105°, 100%, 33%
HSV	105°, 100%, 67%
XYZ	15.3659, 29.2481, 4.7706
YIQ	112.6470, -21.1220, -79.7940

Conversions

Conversions Part 2

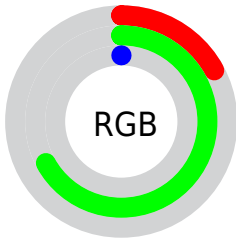
Format	Color
RYB	0, 170, 127
Decimal	2861568
CIELab	61.00, -59.52, 62.25
CIELCh	61, 86.124, 133.713
Yxy	29.2481, 0.3111, 0.5923
Android (android.graphics.Color)	4281051648 (0xFF2BAA00)
YUV	112.6470, -55.5350, -61.0804
Hunter-Lab	54.0815, -43.9264, 32.6270

Details

The CIELCh color **61, 86.124, 133.713** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **33, 87.638, 318.865**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **81, 85.608, 133.820**, and **42, 66.952, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **61, 85.862, 133.831**, and if you desaturate by 10%, it is **61, 82.383, 133.417**.

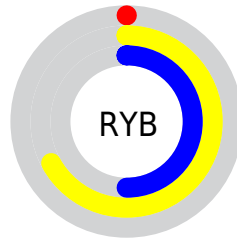
Distribution



Red (17%)

Green (67%)

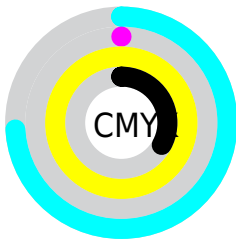
Blue (0%)



Red (0%)

Yellow (67%)

Blue (50%)

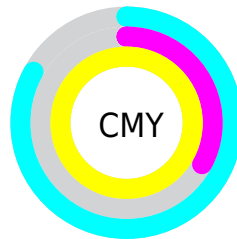


Cyan (74%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (83%)


Magenta (33%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 86.124, 133.713 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, 86.124, 133.713 by changing the saturation by 10% instead.


 61, 86.124,
133.713


 61, 86.124,
133.713


 100, 86.124,
133.713


 51, 86.124,
133.713


 81, 86.124,
133.713

 41, 86.124,
133.713

 91, 86.124,
133.713

 31, 86.124,
133.713

 21, 86.124,
133.713

 11, 86.124,
133.713

 1, 86.124, 133.713

 0, 86.124, 133.713

■ 61, 86.124,
133.713

■ 61, 86.124,
133.713

■ 61, 85.862,
133.831

■ 61, 82.383,
133.417

■ 62, 77.168,
133.273

■ 62, 70.123,
133.483

■ 63, 61.674,
133.925

■ 64, 52.251,
134.485

■ 65, 42.200,
135.082

■ 66, 31.782,
135.666

■ 67, 21.189,

136.212

■ 68, 10.558,
136.711

Harmonies

Complementary

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



61, 86.124, 133.713



33, 87.638, 318.865

Rectangle

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



61, 86.124, 133.713



61, 86.124, 183.713



61, 86.124, 313.713



61, 86.124, 3.713

Sweetspot

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



61, 85.862, 133.831



84, 39.471, 135.635



55, 61.589, 82.036



44, 27.112, 135.399



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, 85.862, 133.831



78, 105.016, 134.035



61, 81.427, 139.436



35, 5.925, 136.746



54, 77.395, 133.699



5, 10.906, 138.219

Inverse Universe

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



33, 87.638, 318.865



43, 106.995, 318.712



38, 71.339, 340.163



33, 5.966, 317.501



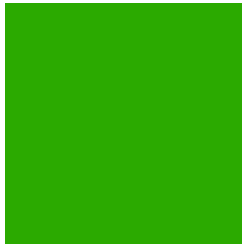
28, 79.090, 318.960



1, 10.591, 314.920

Previews

White Background



This preview shows how the CIELCh color 61, 86.124, 133.713 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, 86.124, 133.713 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, 86.124, 133.713

Background



This preview shows how black text looks on a background with the CIELCh color 61, 86.124, 133.713.



This preview shows how white text looks on a background with the CIELCh color 61, 86.124, 133.713.

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, 85.919, 133.868

Protanopia
61, 64.866, 95.376

Deuteranopia
61, 57.839, 82.343



Tritanopia
61, 24.497, 215.054

Trichromacy



Original Color
61, 85.919, 133.868



Protanomaly
59, 68.847, 115.598



Deuteranomaly
59, 61.798, 110.479



Tritanomaly
60, 44.936, 154.434

Monochromacy



Original Color
61, 85.919, 133.868



Achromatopsia
48, 0.006, 296.813



Achromatomaly
51, 39.991, 134.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 86.124, 133.713 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(43, 170, 0)` looks like.

```
.text, #text, p{  
    color:rgb(43, 170, 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(43, 170, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 170, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 86.124, 133.713 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(43, 170, 0) }
```

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

```
.border{ border-color:rgb(43, 170, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 170, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 170, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 170, 0);  
box-shadow:4px 4px 4px 4px rgb(43, 170, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 61, 86.124, 133.713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 170, 0) }
```

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

```
.background{ background-color: rgb(43, 170,  
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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