

Converting Colors

CIELCh(61, 88.109, 135.542)

Have a look what the booklet for
CIELCh(61, 88.109, 135.542)
contains.

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Color

CIELCh(61, 88.073, 135.577)

Conversions

Conversions Part 1

Format	Color
Hex	11AB01
RGB	17, 171, 1
RGB Percent	7%, 67%, 0%
CMY	0.9333, 0.3294, 0.9960
CMYK	0.90, 0.00, 0.99, 0.33
HSL	114°, 99%, 34%
HSV	114°, 99%, 67%
XYZ	14.8001, 29.2481, 4.8944
YIQ	105.5740, -37.2140, -85.5180

Conversions

Conversions Part 2

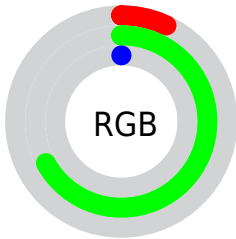
Format	Color
R_{YB}	1, 171, 155
Decimal	1157889
CIE Lab	61.00, -62.90, 61.65
CIE LCh	61, 88.073, 135.577
Yxy	29.2481, 0.3024, 0.5976
Android (android.graphics.Color)	4279347969 (0xFF11AB01)
YUV	105.5740, -51.5550, -77.6794
Hunter-Lab	54.0815, -45.7940, 32.4913

Details

The CIELCh color **61, 88.073, 135.577** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **38, 86.048, 324.614**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **81, 88.380, 135.577**, and **42, 67.364, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **61, 88.230, 135.559**, and if you desaturate by 10%, it is **61, 85.033, 135.735**.

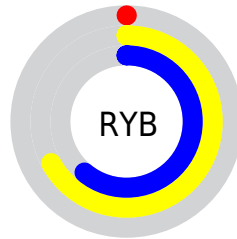
Distribution



Red (7%)

Green (67%)

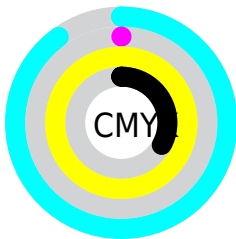
Blue (0%)



Red (0%)

Yellow (67%)

Blue (61%)

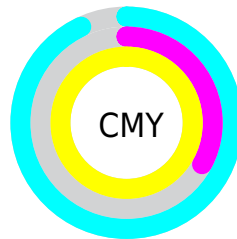


Cyan (90%)

Magenta (0%)

Yellow (99%)

Black (33%)



Cyan (93%)

Magenta (33%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 88.073, 135.577 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, 88.073, 135.577 by changing the saturation by 10% instead.

 61, 88.073,
135.577


 61, 88.073,
135.577


 100, 88.073,
135.577

 51, 88.073,
135.577


 81, 88.073,
135.577

 41, 88.073,
135.577

 91, 88.073,
135.577

 31, 88.073,
135.577

 21, 88.073,
135.577

 11, 88.073,
135.577

 1, 88.073, 135.577

 0, 88.073, 135.577

■ 61, 88.073,
135.577

■ 61, 88.073,
135.577

■ 61, 88.230,
135.559

■ 61, 85.033,
135.735

■ 62, 79.996,
136.136

■ 62, 72.931,
136.818

■ 63, 64.275,
137.652

■ 64, 54.482,
138.526

■ 65, 43.934,
139.367

■ 66, 32.937,
140.136

■ 67, 21.727,

140.820

■ 68, 10.480,
141.422

Harmonies

Complementary

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



61, 88.073, 135.577



38, 86.048, 324.614

Rectangle

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



61, 88.073, 135.577



61, 88.073, 185.577



61, 88.073, 315.577



61, 88.073, 5.577

Sweetspot

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



61, 88.072, 135.578



83, 41.523, 140.053



63, 66.855, 96.083



44, 28.515, 139.744



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, 88.072, 135.578



77, 107.280, 135.653



61, 72.146, 144.906



36, 6.383, 141.427



54, 80.232, 135.499



6, 13.520, 142.368

Inverse Universe

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



38, 86.048, 324.614



49, 104.679, 324.541



37, 64.787, 352.538



34, 6.403, 322.311



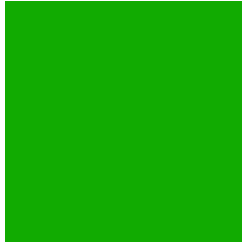
33, 78.431, 324.640



2, 13.283, 320.735

Previews

White Background



This preview shows how the CIELCh color 61, 88.073, 135.577 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, 88.073, 135.577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

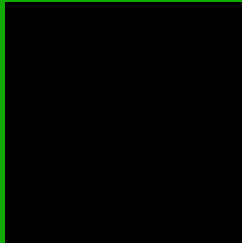
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 88.073, 135.577

Background



This preview shows how black text looks on a background with the CIELCh color 61, 88.073, 135.577.

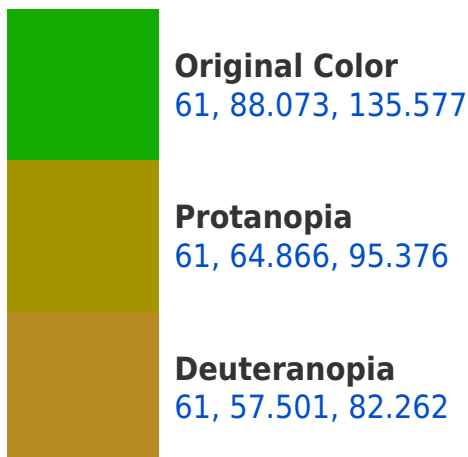


This preview shows how white text looks on a background with the CIELCh color 61, 88.073, 135.577.

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





Tritanopia
61, 26.367, 213.620

Trichromacy



Original Color
61, 88.073, 135.577



Protanomaly
59, 70.485, 119.133



Deuteranomaly
58, 62.808, 114.859



Tritanomaly
60, 47.452, 156.788

Monochromacy



Original Color
61, 88.073, 135.577



Achromatopsia
45, 0.006, 296.813



Achromatomaly
49, 42.166, 138.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 88.073, 135.577 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(17, 171, 1)` looks like.

```
.text, #text, p{  
    color:rgb(17, 171, 1)  
}
```

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(17, 171, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 171, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 88.073, 135.577 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(17, 171, 1) }
```

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

```
.border{ border-color:rgb(17, 171, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 171, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 171, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 171, 1);  
box-shadow:4px 4px 4px 4px rgb(17, 171, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 61, 88.073, 135.577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 171, 1) }
```

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

```
.background{ background-color: rgb(17, 171,  
1) }
```

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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