

Converting Colors

CIELCh(61, 84.378, 136.855)

Have a look what the booklet for
CIELCh(61, 84.378, 136.855)
contains.

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Color

CIELCh(61, 84.447, 136.877)

Conversions

Conversions Part 1

Format	Color
Hex	16AB19
RGB	22, 171, 25
RGB Percent	9%, 67%, 10%
CMY	0.9129, 0.3306, 0.9036
CMYK	0.87, 0.00, 0.86, 0.33
HSL	121°, 77%, 38%
HSV	121°, 87%, 67%
XYZ	15.0097, 29.2481, 5.7496
YIQ	109.8050, -41.9380, -76.9940

Conversions

Conversions Part 2

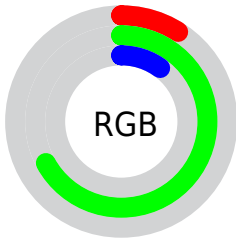
Format	Color
R_{YB}	22, 168, 171
Decimal	1485593
CIE _{Lab}	61.00, -61.64, 57.73
CIE _{LCh}	61, 84.447, 136.877
Yxy	29.2481, 0.3001, 0.5849
Android (android.graphics.Color)	4279675673 (0xFF16AB19)
YUV	109.8050, -41.8089, -77.0050
Hunter-Lab	54.0815, -45.1021, 31.5538

Details

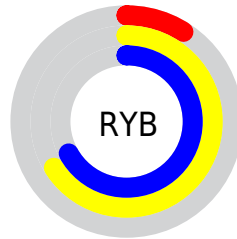
The CIELCh color **61, 84.447, 136.877** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **41, 81.490, 328.679**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **81, 84.863, 136.900**, and **42, 67.364, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **61, 87.624, 136.284**, and if you desaturate by 10%, it is **61, 79.072, 137.795**.

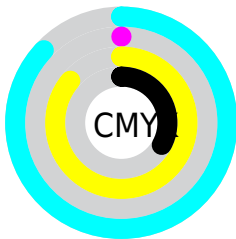
Distribution



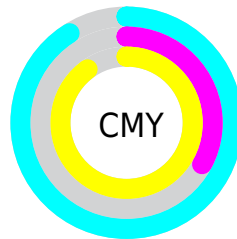
- Red (9%)
- Green (67%)
- Blue (10%)



- Red (9%)
- Yellow (66%)
- Blue (67%)



- Cyan (87%)
- Magenta (0%)
- Yellow (86%)
- Black (33%)




- Cyan (91%)
- Magenta (33%)
- Yellow (90%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 84.447, 136.877 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, 84.447, 136.877 by changing the saturation by 10% instead.

 61, 84.447,
136.877

 61, 84.447,
136.877


 100, 84.447,
136.877


 51, 84.447,
136.877


 81, 84.447,
136.877

 41, 84.447,
136.877

 91, 84.447,
136.877

 31, 84.447,
136.877

 21, 84.447,
136.877

 11, 84.447,
136.877

 1, 84.447, 136.877

 0, 84.447, 136.877

■ 61, 84.447,
136.877

■ 61, 84.447,
136.877

■ 61, 87.624,
136.284

■ 61, 79.072,
137.795

■ 61, 88.356,
136.158

■ 62, 71.728,
138.898

■ 62, 62.834,
140.051

■ 63, 52.810,
141.158

■ 64, 42.028,
142.166

■ 66, 30.796,
143.055

■ 67, 19.363,
143.826

■ 69, 7.920, 144.498

Harmonies

Complementary

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



61, 84.447, 136.877



41, 81.490, 328.679

Rectangle

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



61, 84.447, 136.877



61, 84.447, 186.877



61, 84.447, 316.877



61, 84.447, 6.877

Sweetspot

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



61, 84.447, 136.878



83, 36.723, 143.099



68, 68.543, 103.159



44, 25.077, 142.816



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, 84.447, 136.878



77, 107.547, 136.119



62, 60.301, 152.089



35, 6.350, 144.350



53, 79.470, 136.185



5, 11.563, 144.808

Inverse Universe

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



41, 81.490, 328.679



52, 102.724, 328.882



38, 60.678, 357.011



33, 6.361, 325.348



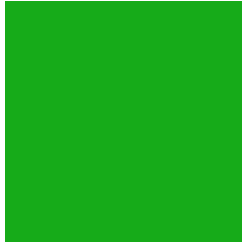
35, 76.057, 328.863



2, 11.496, 325.042

Previews

White Background



This preview shows how the CIELCh color 61, 84.447, 136.877 looks on a white background.

Color Contrast Check

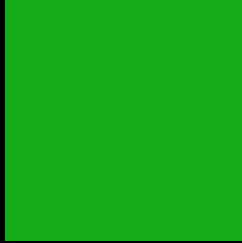
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84.447, 136.877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

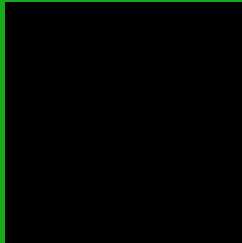
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 84.447, 136.877

Background



This preview shows how black text looks on a background with the CIELCh color 61, 84.447, 136.877.



This preview shows how white text looks on a background with the CIELCh color 61, 84.447, 136.877.

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, 84.504, 136.925

Protanopia

60, 61.907, 94.884

Deuteranopia

61, 55.147, 82.151



Tritanopia
61, 26.170, 213.761

Trichromacy



Original Color
61, 84.504, 136.925



Protanomaly
59, 66.686, 119.259



Deuteranomaly
59, 59.132, 115.045



Tritanomaly
60, 43.987, 160.641

Monochromacy



Original Color
61, 84.504, 136.925



Achromatopsia
46, 0.006, 296.813



Achromatomaly
50, 37.516, 141.941

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 84.447, 136.877 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(22, 171, 25)` looks like.

```
.text, #text, p{  
    color:rgb(22, 171, 25)  
}
```

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(22, 171, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 171, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 84.447, 136.877 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(22, 171, 25) }
```

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

```
.border{ border-color:rgb(22, 171, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 171, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 171, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 171, 25);  
box-shadow:4px 4px 4px 4px rgb(22, 171,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 84.447, 136.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 171, 25) }
```

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

```
.background{ background-color: rgb(22, 171,  
25) }
```

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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