

Converting Colors

CIELCh(61, 84.393, 136.570)

Have a look what the booklet for
CIELCh(61, 84.393, 136.570)
contains.

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Color

CIELCh(61, 84.649, 136.534)

Conversions

Conversions Part 1

Format	Color
Hex	19AB16
RGB	25, 171, 22
RGB Percent	10%, 67%, 9%
CMY	0.9015, 0.3309, 0.9120
CMYK	0.85, 0.00, 0.87, 0.33
HSL	119°, 77%, 38%
HSV	119°, 87%, 67%
XYZ	15.0431, 29.2481, 5.6338
YIQ	110.3600, -39.1870, -77.2910

Conversions

Conversions Part 2

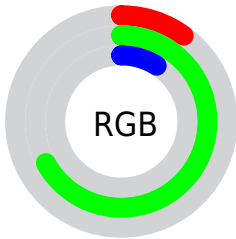
Format	Color
R_{YB}	22, 171, 168
Decimal	1682198
CIE Lab	61.00, -61.44, 58.23
CIE LCh	61, 84.649, 136.534
Yxy	29.2481, 0.3013, 0.5858
Android (android.graphics.Color)	4279872278 (0xFF19AB16)
YUV	110.3600, -43.5615, -74.8607
Hunter-Lab	54.0815, -44.9920, 31.6807

Details

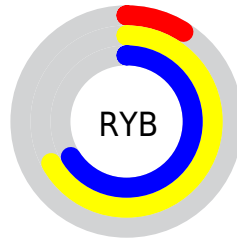
The CIELCh color **61, 84.649, 136.534** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **41, 82.348, 327.464**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **81, 85.061, 136.610**, and **42, 67.364, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **61, 87.756, 136.073**, and if you desaturate by 10%, it is **61, 79.315, 137.302**.

Distribution



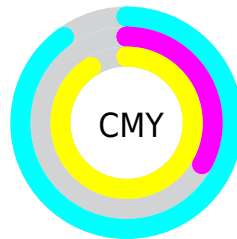
- Red (10%)
- Green (67%)
- Blue (9%)



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



- Cyan (85%)
- Magenta (0%)
- Yellow (87%)
- Black (33%)





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

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 84.649, 136.534 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, 84.649, 136.534 by changing the saturation by 10% instead.


 61, 84.649,
136.534


 61, 84.649,
136.534


 100, 84.649,
136.534


 51, 84.649,
136.534


 81, 84.649,
136.534

 41, 84.649,
136.534

 91, 84.649,
136.534

 31, 84.649,
136.534

 21, 84.649,
136.534

 11, 84.649,
136.534

 1, 84.649, 136.534

 0, 84.649, 136.534

■ 61, 84.649,
136.534

■ 61, 84.649,
136.534

■ 61, 87.756,
136.073

■ 61, 79.315,
137.302

■ 61, 88.535,
135.934

■ 62, 71.952,
138.288

■ 62, 63.004,
139.355

■ 63, 52.913,
140.400

■ 64, 42.065,
141.362

■ 66, 30.774,
142.217

■ 67, 19.286,
142.961

■ 69, 7.792, 143.612

Harmonies

Complementary

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



61, 84.649, 136.534



41, 82.348, 327.464

Rectangle

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



61, 84.649, 136.534



61, 84.649, 186.534



61, 84.649, 316.534



61, 84.649, 6.534

Sweetspot

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



61, 84.649, 136.535



83, 36.903, 142.247



66, 66.838, 101.257



44, 25.201, 141.975



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, 84.649, 136.535



77, 107.729, 135.956



62, 62.205, 150.479



35, 6.382, 143.460



53, 79.691, 135.918



5, 11.613, 144.030

Inverse Universe

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



41, 82.348, 327.464



52, 104.109, 327.511



38, 61.318, 354.287



33, 6.393, 324.429



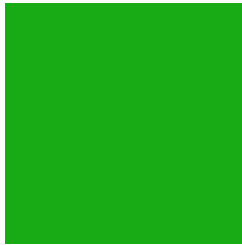
34, 77.052, 327.532



2, 11.577, 323.760

Previews

White Background



This preview shows how the CIELCh color 61, 84.649, 136.534 looks on a white background.

Color Contrast Check

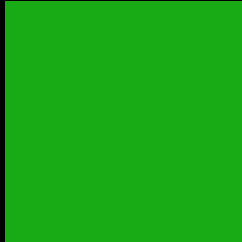
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84.649, 136.534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

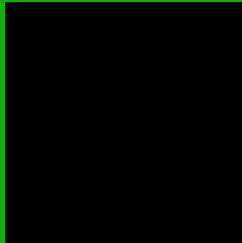
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 84.649, 136.534

Background



This preview shows how black text looks on a background with the CIELCh color 61, 84.649, 136.534.



This preview shows how white text looks on a background with the CIELCh color 61, 84.649, 136.534.

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, 84.896, 136.500

Protanopia

60, 62.477, 94.893

Deuteranopia

61, 55.520, 82.248



Tritanopia
61, 26.170, 213.761

Trichromacy



Original Color
61, 84.896, 136.500



Protanomaly
59, 67.152, 118.731



Deuteranomaly
58, 58.901, 114.217



Tritanomaly
60, 43.826, 160.513

Monochromacy



Original Color
61, 84.896, 136.500



Achromatopsia
46, 0.006, 296.813



Achromatomaly
50, 37.766, 141.058

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 84.649, 136.534 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(25, 171, 22)` looks like.

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

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

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

Border

The CSS property to change the border of an element to CIELCh 61, 84.649, 136.534 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(25, 171, 22) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to CIELCh 61, 84.649, 136.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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