

Converting Colors

CIELCh(60, 87.442, 136.158)

Have a look what the booklet for
CIELCh(60, 87.442, 136.158)
contains.

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Color

CIELCh(60, 87.282, 136.179)

Conversions

Conversions Part 1

Format	Color
Hex	01A804
RGB	1, 168, 4
RGB Percent	0%, 66%, 2%
CMY	0.9955, 0.3401, 0.9858
CMYK	0.99, 0.00, 0.98, 0.34
HSL	121°, 99%, 33%
HSV	121°, 99%, 66%
XYZ	14.0882, 28.1233, 4.7894
YIQ	99.3710, -46.8880, -86.4080

Conversions

Conversions Part 2

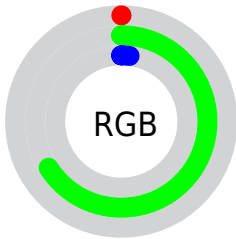
Format	Color
R_{YB}	1, 165, 168
Decimal	108548
CIE _{Lab}	60.00, -62.97, 60.43
CIE _{LCh}	60, 87.282, 136.179
Yxy	28.1233, 0.2997, 0.5984
Android (android.graphics.Color)	4278298628 (0xFF01A804)
YUV	99.3710, -47.0179, -86.2714
Hunter-Lab	53.0314, -45.3852, 31.7674

Details

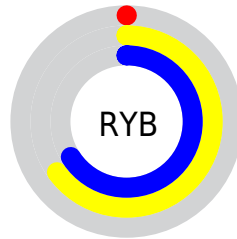
The CIELCh color **60, 87.282, 136.179** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **40, 83.553, 328.814**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **80, 87.194, 136.209**, and **41, 66.127, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **60, 87.451, 136.150**, and if you desaturate by 10%, it is **60, 84.483, 136.698**.

Distribution



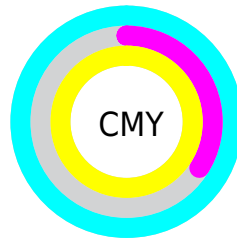
- Red (0%)
- Green (66%)
- Blue (2%)



- Red (0%)
- Yellow (65%)
- Blue (66%)



- Cyan (99%)
- Magenta (0%)
- Yellow (98%)
- Black (34%)





- Cyan (100%)
- Magenta (34%)
- Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 87.282, 136.179 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 60, 87.282, 136.179 by changing the saturation by 10% instead.


 60, 87.282,
136.179


 60, 87.282,
136.179


 100, 87.282,
136.179


 50, 87.282,
136.179


 80, 87.282,
136.179

 40, 87.282,
136.179

 90, 87.282,
136.179

 30, 87.282,
136.179

 20, 87.282,
136.179

 10, 87.282,
136.179

 0, 87.282, 136.179

 60, 87.282,

 60, 87.282,

136.179

136.179

■ 60, 87.451,
136.150

■ 60, 84.483,
136.698

■ 60, 79.661,
137.548

■ 61, 72.809,
138.615

■ 61, 64.325,
139.763

■ 62, 54.631,
140.885

■ 63, 44.108,
141.916

■ 64, 33.075,
142.832

■ 66, 21.792,
143.628

■ 67, 10.460,
144.317

Harmonies

Complementary

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



60, 87.282, 136.179



40, 83.553, 328.814

Rectangle

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



60, 87.282, 136.179



60, 87.282, 186.179



60, 87.282, 316.179



60, 87.282, 6.179

Sweetspot

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



60, 87.281, 136.180



82, 41.972, 142.726



67, 70.840, 102.866



43, 28.540, 142.365



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60, 87.281, 136.180



77, 106.632, 136.113



61, 64.724, 149.458



35, 6.355, 144.319



53, 79.494, 136.173



5, 11.571, 144.782

Inverse Universe

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



40, 83.553, 328.814



52, 101.929, 328.834



36, 62.011, 1.419



33, 6.365, 325.317



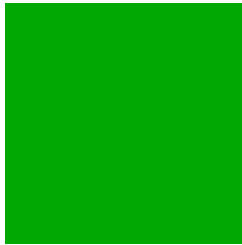
35, 76.124, 328.816



2, 11.509, 324.998

Previews

White Background



This preview shows how the CIELCh color 60, 87.282, 136.179 looks on a white background.

Color Contrast Check

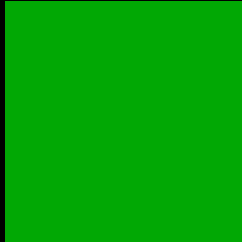
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 87.282, 136.179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

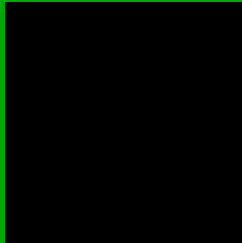
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 87.282, 136.179

Background



This preview shows how black text looks on a background with the CIELCh color 60, 87.282, 136.179.



This preview shows how white text looks on a background with the CIELCh color 60, 87.282, 136.179.

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
60, 87.134, 136.205

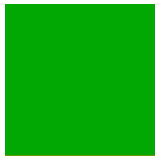
Protanopia
60, 63.921, 95.236

Deuteranopia
59, 56.430, 81.795



Tritanopia
60, 26.105, 213.844

Trichromacy



Original Color
60, 87.134, 136.205



Protanomaly
58, 70.000, 120.675



Deuteranomaly
57, 61.943, 116.733



Tritanomaly
59, 47.214, 158.032

Monochromacy



Original Color
60, 87.134, 136.205



Achromatopsia
42, 0.006, 296.813



Achromatomaly
47, 42.470, 141.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 87.282, 136.179 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(1, 168, 4)` looks like.

```
.text, #text, p{  
    color:rgb(1, 168, 4)  
}
```

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(1, 168, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 168, 4) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 87.282, 136.179 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(1, 168, 4) }
```

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

```
.border{ border-color:rgb(1, 168, 4) }
```

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

Here you see how a box with a 4 pixel rgb(1, 168, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 168, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 168, 4); box-shadow:4px  
4px 4px 4px rgb(1, 168, 4) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 87.282, 136.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 168, 4) }
```

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

```
.background{ background-color: rgb(1, 168,  
4) }
```

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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