

Converting Colors

CIELCh(61, 82.249, 139.261)

Have a look what the booklet for
CIELCh(61, 82.249, 139.261)
contains.

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Color

CIELCh(61, 82.331, 139.160)

Conversions

Conversions Part 1

Format	Color
Hex	00AB26
RGB	0, 171, 38
RGB Percent	0%, 67%, 15%
CMY	1.0000, 0.3296, 0.8511
CMYK	1.00, 0.00, 0.78, 0.33
HSL	133°, 100%, 34%
HSV	133°, 100%, 67%
XYZ	14.9017, 29.2481, 6.6897
YIQ	104.7090, -59.2230, -77.6150

Conversions

Conversions Part 2

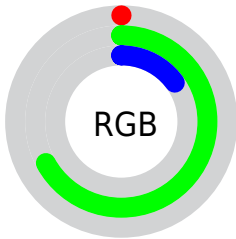
Format	Color
RYB	0, 140, 171
Decimal	43814
CIELab	61.00, -62.29, 53.84
CIELCh	61, 82.331, 139.160
Yxy	29.2481, 0.2931, 0.5753
Android (android.graphics.Color)	4278233894 (0xFF00AB26)
YUV	104.7090, -32.8875, -91.8298
Hunter-Lab	54.0815, -45.4585, 30.5232

Details

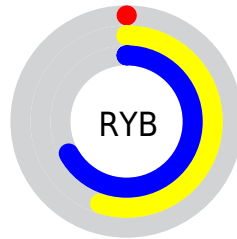
The CIELCh color **61, 82.331, 139.160** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **38, 72.230, 339.448**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **81, 82.543, 139.160**, and **42, 67.364, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **61, 82.325, 139.156**, and if you desaturate by 10%, it is **61, 77.750, 140.750**.

Distribution



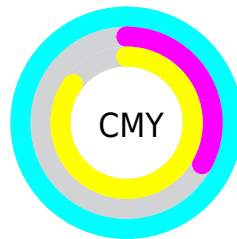
- Red (0%)
- Green (67%)
- Blue (15%)



- Red (0%)
- Yellow (55%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (78%)
- Black (33%)





- Cyan (100%)
- Magenta (33%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 82.331, 139.160 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, 82.331, 139.160 by changing the saturation by 10% instead.


 61, 82.331,
139.160


 61, 82.331,
139.160


 100, 82.331,
139.160


 51, 82.331,
139.160


 81, 82.331,
139.160

 41, 82.331,
139.160


 91, 82.331,
139.160

 31, 82.331,
139.160

 21, 82.331,
139.160

 11, 82.331,
139.160

 1, 82.331, 139.160

 0, 82.331, 139.160

■ 61, 82.331,
139.160

■ 61, 82.331,
139.160

■ 61, 82.325,
139.156

■ 61, 77.750,
140.750

■ 62, 71.995,
142.445

■ 62, 65.086,
144.064

■ 63, 57.192,
145.548

■ 63, 48.507,
146.872

■ 64, 39.240,
148.033

■ 66, 29.589,
149.042

■ 67, 19.735,

149.918

■ 68, 9.830, 150.685

Harmonies

Complementary

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



61, 82.331, 139.160



38, 72.230, 339.448

Rectangle

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



61, 82.331, 139.160



61, 82.331, 189.160



61, 82.331, 319.160



61, 82.331, 9.160

Sweetspot

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



61, 82.325, 139.156



83, 36.569, 148.992



65, 73.982, 115.545



44, 25.108, 148.593



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, 82.325, 139.156



78, 100.740, 138.841



62, 51.153, 163.340



36, 5.627, 150.735



54, 74.603, 139.346



6, 12.211, 149.880

Inverse Universe

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



38, 72.230, 339.448



50, 87.483, 339.697



36, 65.391, 22.241



34, 5.647, 331.860



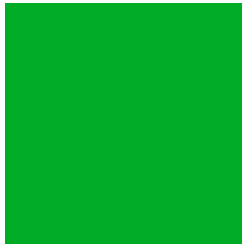
34, 65.857, 339.305



2, 11.213, 334.260

Previews

White Background



This preview shows how the CIELCh color 61, 82.331, 139.160 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, 82.331, 139.160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

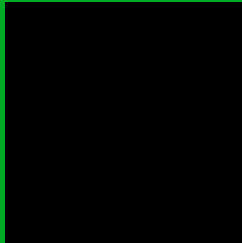
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 82.331, 139.160

Background



This preview shows how black text looks on a background with the CIELCh color 61, 82.331, 139.160.

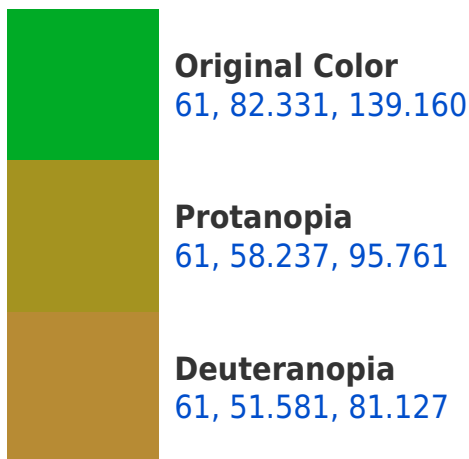


This preview shows how white text looks on a background with the CIELCh color 61, 82.331, 139.160.

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, 26.753, 213.350

Trichromacy



Original Color
61, 82.331, 139.160



Protanomaly
59, 64.862, 123.694



Deuteranomaly
58, 56.198, 120.006



Tritanomaly
60, 43.566, 164.562

Monochromacy



Original Color
61, 82.331, 139.160



Achromatopsia
44, 0.006, 296.813



Achromatomaly
49, 37.087, 147.377

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 82.331, 139.160 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(0, 171, 38)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 38)  
}
```

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(0, 171, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 82.331, 139.160 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(0, 171, 38) }
```

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

```
.border{ border-color:rgb(0, 171, 38) }
```

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

Here you see how a box with a 4 pixel rgb(0, 171, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 38);  
box-shadow:4px 4px 4px 4px rgb(0, 171, 38)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 61, 82.331, 139.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 171, 38) }
```

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

```
.background{ background-color: rgb(0, 171,  
38) }
```

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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