

Converting Colors

CIELCh(61, 81.502, 147.908)

Have a look what the booklet for
CIELCh(61, 81.502, 147.908)
contains.

CIELCh(62, 74.966, 143.612)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 74.966, 143.612)

Conversions

Conversions Part 1

Format	Color
Hex	01AD40
RGB	1, 173, 64
RGB Percent	0%, 68%, 25%
CMY	0.9945, 0.3202, 0.7478
CMYK	0.99, 0.00, 0.63, 0.32
HSL	142°, 98%, 34%
HSV	142°, 99%, 68%
XYZ	15.9619, 30.4025, 9.9250
YIQ	109.1460, -67.5230, -70.3630

Conversions

Conversions Part 2

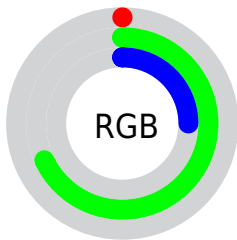
Format	Color
RYB	1, 127, 173
Decimal	109888
CIELab	62.00, -60.35, 44.47
CIElCh	62, 74.966, 143.612
Yxy	30.4025, 0.2836, 0.5401
Android (android.graphics.Color)	4278299968 (0xFF01AD40)
YUV	109.1460, -22.2570, -94.8440
Hunter-Lab	55.1385, -44.8189, 27.9247

Details

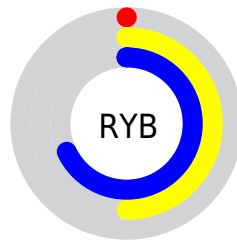
The CIELCh color **62, 74.966, 143.612** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **38, 66.508, 349.690**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **82, 74.888, 143.607**, and **43, 67.062, 136.700** is the 20% darker color. If you saturate the color by 10%, you get **62, 75.334, 143.460**, and if you desaturate by 10%, it is **62, 70.208, 145.636**.

Distribution



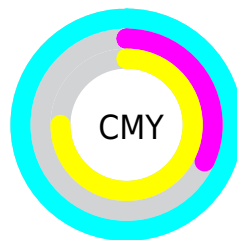
- Red (0%)
- Green (68%)
- Blue (25%)



- Red (0%)
- Yellow (50%)
- Blue (68%)



- Cyan (99%)
- Magenta (0%)
- Yellow (63%)
- Black (32%)




- Cyan (99%)
- Magenta (32%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 74.966, 143.612 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 62, 74.966, 143.612 by changing the saturation by 10% instead.


 62, 74.966,
143.612

 62, 74.966,
143.612


 100, 74.966,
143.612


 52, 74.966,
143.612


 82, 74.966,
143.612

 42, 74.966,
143.612

 92, 74.966,
143.612

 32, 74.966,
143.612

 22, 74.966,
143.612

 12, 74.966,
143.612

 2, 74.966, 143.612

 0, 74.966, 143.612

■ 62, 74.966,
143.612

■ 62, 74.966,
143.612

■ 62, 75.334,
143.460

■ 62, 70.208,
145.636

■ 63, 64.649,
147.594

■ 63, 58.231,
149.377

■ 64, 51.031,
150.966

■ 65, 43.173,
152.365

■ 65, 34.810,
153.589

■ 67, 26.098,
154.660

■ 68, 17.189,

155.601

■ 69, 8.211, 156.445

Harmonies

Complementary

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



62, 74.966, 143.612



38, 66.508, 349.690

Rectangle

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



62, 74.966, 143.612



62, 74.966, 193.612



62, 74.966, 323.612



62, 74.966, 13.612

Sweetspot

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



62, 74.966, 143.612



84, 33.072, 154.525



65, 77.465, 122.061



44, 22.482, 154.099



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



62, 74.966, 143.612



79, 92.168, 143.062



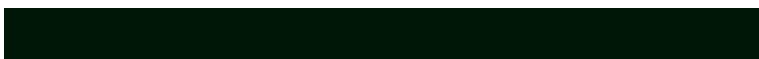
63, 43.565, 176.423



36, 5.061, 156.435



54, 67.475, 143.724



6, 11.219, 154.228

Inverse Universe

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



38, 66.508, 349.690



49, 80.468, 350.406



36, 71.297, 32.349



34, 5.096, 337.709



33, 60.114, 349.551



2, 9.977, 341.611

Previews

White Background



This preview shows how the CIELCh color 62, 74.966, 143.612 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 62, 74.966, 143.612 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 ✓ Pass

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

CIELCh 62, 74.966, 143.612

Background



This preview shows how black text looks on a background with the CIELCh color 62, 74.966, 143.612.




This preview shows how white text looks on a background with the CIELCh color 62, 74.966, 143.612.

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
62, 27.580, 212.763

Trichromacy



Original Color
62, 74.931, 143.586



Protanomaly
60, 56.234, 127.477



Deuteranomaly
59, 47.352, 124.217



Tritanomaly
61, 40.867, 170.641

Monochromacy



Original Color
62, 74.931, 143.586



Achromatopsia
46, 0.006, 296.813



Achromatomaly
51, 33.413, 152.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 74.966, 143.612 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, 173, 64)` looks like.

```
.text, #text, p{  
    color:rgb(1, 173, 64)  
}
```

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, 173, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 173, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 74.966, 143.612 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, 173, 64) }
```

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

```
.border{ border-color:rgb(1, 173, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 173, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 173, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 173, 64);  
box-shadow:4px 4px 4px 4px rgb(1, 173, 64)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 62, 74.966, 143.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 173, 64) }
```

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

```
.background{ background-color: rgb(1, 173,  
64) }
```

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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