

Converting Colors

CIELCh(62, 74.296, 143.369)

Have a look what the booklet for
CIELCh(62, 74.296, 143.369)
contains.

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Color

CIELCh(62, 74.111, 143.440)

Conversions

Conversions Part 1

Format	Color
Hex	0EAD41
RGB	14, 173, 65
RGB Percent	5%, 68%, 25%
CMY	0.9438, 0.3212, 0.7447
CMYK	0.92, 0.00, 0.62, 0.32
HSL	139°, 85%, 37%
HSV	139°, 92%, 68%
XYZ	16.1048, 30.4025, 10.0340
YIQ	113.1470, -60.0960, -67.2960

Conversions

Conversions Part 2

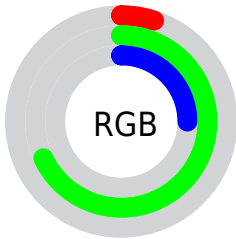
Format	Color
RYB	14, 134, 173
Decimal	961857
CIELab	62.00, -59.53, 44.15
CIELCh	62, 74.111, 143.440
Yxy	30.4025, 0.2848, 0.5377
Android (android.graphics.Color)	4279151937 (0xFF0EAD41)
YUV	113.1470, -23.7365, -86.9519
Hunter-Lab	55.1385, -44.3564, 27.8075

Details

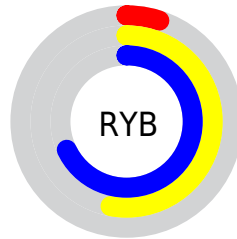
The CIELCh color **62, 74.111, 143.440** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **39, 67.586, 344.620**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **82, 74.038, 143.445**, and **43, 66.700, 136.923** is the 20% darker color. If you saturate the color by 10%, you get **62, 78.012, 141.869**, and if you desaturate by 10%, it is **62, 68.623, 145.365**.

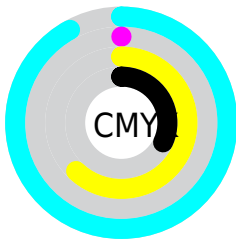
Distribution



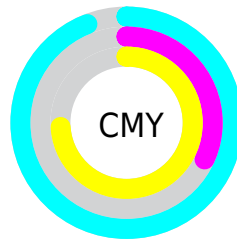
- Red (5%)
- Green (68%)
- Blue (25%)



- Red (5%)
- Yellow (53%)
- Blue (68%)



- Cyan (92%)
- Magenta (0%)
- Yellow (62%)
- Black (32%)




- Cyan (94%)
- Magenta (32%)
- Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 74.111, 143.440 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, 74.111, 143.440 by changing the saturation by 10% instead.


 62, 74.111,
143.440

 62, 74.111,
143.440


 100, 74.111,
143.440


 52, 74.111,
143.440


 82, 74.111,
143.440


 42, 74.111,
143.440


 92, 74.111,
143.440

 32, 74.111,
143.440

 22, 74.111,
143.440

 12, 74.111,
143.440

 2, 74.111, 143.440

 0, 74.111, 143.440

■ 62, 74.111,
143.440

■ 62, 74.111,
143.440

■ 62, 78.012,
141.869

■ 62, 68.623,
145.365

■ 63, 62.190,
147.149

■ 63, 54.898,
148.755

■ 64, 46.882,
150.175

■ 65, 38.304,
151.419

■ 66, 29.334,
152.503

■ 67, 20.133,
153.450

■ 69, 10.844,

154.286

■ 70, 1.582, 155.175

Harmonies

Complementary

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



62, 74.111, 143.440



39, 67.586, 344.620

Rectangle

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



62, 74.111, 143.440



62, 74.111, 193.440



62, 74.111, 323.440



62, 74.111, 13.440

Sweetspot

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



62, 74.111, 143.440



84, 32.014, 152.823



65, 74.456, 119.877



44, 22.036, 152.407



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, 74.111, 143.440



78, 95.520, 141.491



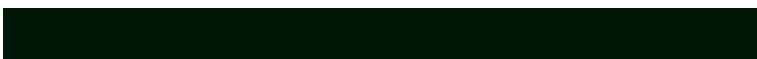
63, 44.061, 174.047



36, 5.237, 154.476



54, 69.964, 142.117



6, 11.530, 152.752

Inverse Universe

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



39, 67.586, 344.620



50, 82.586, 346.676



37, 65.906, 26.306



34, 5.266, 335.698



33, 61.702, 345.982



2, 10.334, 339.192

Previews

White Background



This preview shows how the CIELCh color 62, 74.111, 143.440 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, 74.111, 143.440 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, 74.111, 143.440

Background



This preview shows how black text looks on a background with the CIELCh color 62, 74.111, 143.440.



This preview shows how white text looks on a background with the CIELCh color 62, 74.111, 143.440.

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


62, 74.111, 143.440

Protanopia

62, 49.039, 95.533

Deuteranopia

62, 41.845, 79.281



Tritanopia
62, 27.580, 212.763

Trichromacy



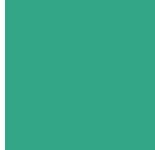
Original Color
62, 74.111, 143.440



Protanomaly
60, 55.017, 125.880



Deuteranomaly
59, 46.196, 122.080



Tritanomaly
61, 40.168, 170.240

Monochromacy



Original Color
62, 74.111, 143.440



Achromatopsia
48, 0.006, 296.813



Achromatomaly
52, 31.983, 151.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 74.111, 143.440 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(14, 173, 65)` looks like.

```
.text, #text, p{  
    color:rgb(14, 173, 65)  
}
```

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(14, 173, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 173, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 74.111, 143.440 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(14, 173, 65) }
```

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

```
.border{ border-color:rgb(14, 173, 65) }
```

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

Here you see how a box with a 4 pixel rgb(14, 173, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 173, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 173, 65);  
box-shadow:4px 4px 4px 4px rgb(14, 173,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 74.111, 143.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 173, 65) }
```

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

```
.background{ background-color: rgb(14, 173,  
65) }
```

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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