

Converting Colors

CIELCh(62, 71.347, 145.278)

Have a look what the booklet for
CIELCh(62, 71.347, 145.278)
contains.

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Color

CIELCh(62, 71.263, 145.374)

Conversions

Conversions Part 1

Format	Color
Hex	0BAD49
RGB	11, 173, 73
RGB Percent	4%, 68%, 29%
CMY	0.9582, 0.3219, 0.7140
CMYK	0.94, 0.00, 0.58, 0.32
HSL	143°, 88%, 36%
HSV	143°, 94%, 68%
XYZ	16.2603, 30.4025, 11.3009
YIQ	113.1620, -64.4520, -65.4440

Conversions

Conversions Part 2

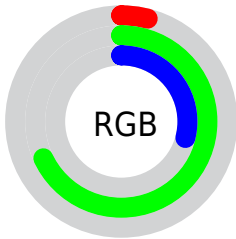
Format	Color
RYB	11, 128, 173
Decimal	765257
CIELab	62.00, -58.64, 40.49
CIELCh	62, 71.263, 145.374
Yxy	30.4025, 0.2805, 0.5245
Android (android.graphics.Color)	4278955337 (0xFF0BAD49)
YUV	113.1620, -19.7999, -89.5961
Hunter-Lab	55.1385, -43.8530, 26.4452

Details

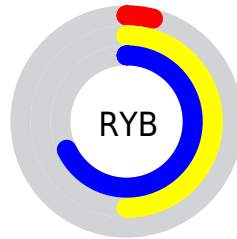
The CIELCh color **62, 71.263, 145.374** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **38, 65.362, 349.757**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **82, 71.616, 145.331**, and **43, 63.617, 138.902** is the 20% darker color. If you saturate the color by 10%, you get **62, 74.073, 144.135**, and if you desaturate by 10%, it is **62, 66.191, 147.421**.

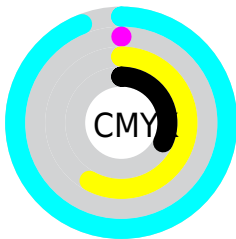
Distribution



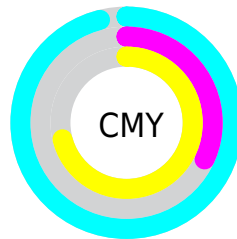
- Red (4%)
- Green (68%)
- Blue (29%)



- Red (4%)
- Yellow (50%)
- Blue (68%)



- Cyan (94%)
- Magenta (0%)
- Yellow (58%)
- Black (32%)





- Cyan (96%)
- Magenta (32%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 71.263, 145.374 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, 71.263, 145.374 by changing the saturation by 10% instead.


 62, 71.263,
145.374


 62, 71.263,
145.374


 100, 71.263,
145.374


 52, 71.263,
145.374


 82, 71.263,
145.374

 42, 71.263,
145.374

 92, 71.263,
145.374

 32, 71.263,
145.374

 22, 71.263,
145.374

 12, 71.263,
145.374

 2, 71.263, 145.374

 0, 71.263, 145.374

■ 62, 71.263,
145.374

■ 62, 71.263,
145.374

■ 62, 74.073,
144.135

■ 62, 66.191,
147.421

■ 63, 60.274,
149.305

■ 63, 53.552,
150.995

■ 64, 46.122,
152.490

■ 65, 38.122,
153.801

■ 66, 29.702,
154.949

■ 67, 21.016,
155.957

■ 69, 12.199,

156.851

■ 70, 3.368, 157.703

Harmonies

Complementary

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



62, 71.263, 145.374



38, 65.362, 349.757

Rectangle

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



62, 71.263, 145.374



62, 71.263, 195.374



62, 71.263, 325.374



62, 71.263, 15.374

Sweetspot

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



62, 71.263, 145.374



84, 30.468, 155.504



64, 76.554, 122.984



44, 20.962, 155.073



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, 71.263, 145.374



79, 90.808, 143.726



64, 41.158, 181.025



36, 4.994, 157.230



54, 66.471, 144.399



6, 11.101, 154.821

Inverse Universe

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



38, 65.362, 349.757



49, 79.758, 351.922



36, 69.741, 32.110



34, 5.032, 338.525



33, 59.574, 351.003



2, 9.848, 342.560

Previews

White Background



This preview shows how the CIELCh color 62, 71.263, 145.374 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, 71.263, 145.374 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, 71.263, 145.374

Background



This preview shows how black text looks on a background with the CIELCh color 62, 71.263, 145.374.

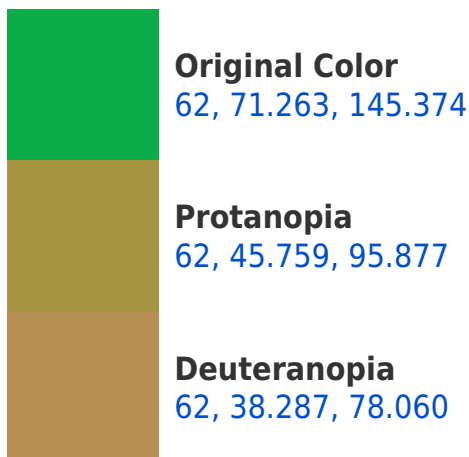


This preview shows how white text looks on a background with the CIELCh color 62, 71.263, 145.374.

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, 27.763, 212.644

Trichromacy



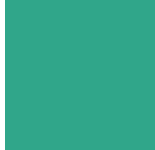
Original Color
62, 71.263, 145.374



Protanomaly
60, 52.355, 128.092



Deuteranomaly
59, 42.697, 124.899



Tritanomaly
61, 39.465, 172.473

Monochromacy



Original Color
62, 71.263, 145.374



Achromatopsia
48, 0.006, 296.813



Achromatomaly
52, 31.358, 153.461

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 71.263, 145.374 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(11, 173, 73)` looks like.

```
.text, #text, p{  
    color:rgb(11, 173, 73)  
}
```

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(11, 173, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 173, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 71.263, 145.374 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(11, 173, 73) }
```

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

```
.border{ border-color:rgb(11, 173, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 173, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 173, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 173, 73);  
box-shadow:4px 4px 4px 4px rgb(11, 173,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 71.263, 145.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 173, 73) }
```

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

```
.background{ background-color: rgb(11, 173,  
73) }
```

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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