

Converting Colors

CIELCh(62, 69.088, 121.092)

Have a look what the booklet for
CIELCh(62, 69.088, 121.092)
contains.

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Color

CIELCh(62, 68.989, 121.134)

Conversions

Conversions Part 1

Format	Color
Hex	73A41B
RGB	115, 164, 27
RGB Percent	45%, 64%, 11%
CMY	0.5478, 0.3557, 0.8925
CMYK	0.30, 0.00, 0.83, 0.36
HSL	81°, 71%, 38%
HSV	81°, 83%, 64%
XYZ	20.6405, 30.4025, 5.8414
YIQ	133.7310, 14.7730, -52.9950

Conversions

Conversions Part 2

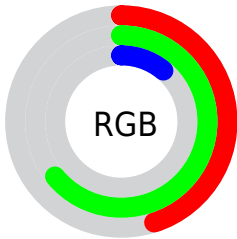
Format	Color
RYB	27, 164, 76
Decimal	7578651
CIELab	62.00, -35.67, 59.05
CIELCh	62, 68.989, 121.134
Yxy	30.4025, 0.3629, 0.5345
Android (android.graphics.Color)	4285768731 (0xFF73A41B)
YUV	133.7310, -52.6184, -16.4271
Hunter-Lab	55.1385, -29.6727, 32.3157

Details

The CIELCh color **62, 68.989, 121.134** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **27, 82.707, 309.295**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 69.038, 121.003**, and **42, 58.389, 126.067** is the 20% darker color. If you saturate the color by 10%, you get **62, 72.885, 121.819**, and if you desaturate by 10%, it is **62, 63.385, 120.888**.

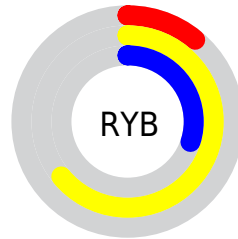
Distribution



Red (45%)

Green (64%)

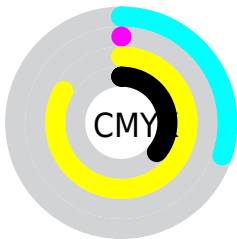
Blue (11%)



Red (11%)

Yellow (64%)

Blue (30%)

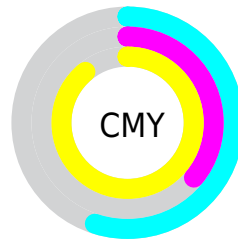


Cyan (30%)

Magenta (0%)

Yellow (83%)

Black (36%)



Cyan (55%)


Magenta (36%)


Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 68.989, 121.134 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, 68.989, 121.134 by changing the saturation by 10% instead.


 62, 68.989,
121.134


 62, 68.989,
121.134


 100, 68.989,
121.134


 52, 68.989,
121.134


 82, 68.989,
121.134

 42, 68.989,
121.134

 92, 68.989,
121.134

 32, 68.989,
121.134

 22, 68.989,
121.134

 12, 68.989,
121.134

 2, 68.989, 121.134

 0, 68.989, 121.134

■ 62, 68.989,
121.134

■ 62, 68.989,
121.134

■ 62, 72.885,
121.819

■ 62, 63.385,
120.888

■ 61, 74.840,
122.419

■ 63, 56.418,
120.970

■ 63, 48.486,
121.273

■ 64, 39.919,
121.707

■ 65, 30.957,
122.211

■ 66, 21.764,
122.744

■ 66, 12.452,
123.279

■ 67, 3.099, 123.811

Harmonies

Complementary

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



62, 68.989, 121.134



27, 82.707, 309.295

Rectangle

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



62, 68.989, 121.134



62, 68.989, 171.134



62, 68.989, 301.134



62, 68.989, 351.134

Sweetspot

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



62, 68.989, 121.135



83, 28.931, 122.629



43, 55.314, 52.186



44, 19.677, 122.451



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 68.989, 121.135



78, 91.368, 122.711



59, 78.886, 135.166



34, 5.258, 123.494



55, 68.328, 122.259



5, 8.292, 126.059

Inverse Universe

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



27, 82.707, 309.295



30, 112.792, 309.060



37, 78.790, 322.943



32, 5.348, 304.441



19, 84.332, 309.352



1, 8.165, 302.706

Previews

White Background



This preview shows how the CIELCh color 62, 68.989, 121.134 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, 68.989, 121.134 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, 68.989, 121.134

Background



This preview shows how black text looks on a background with the CIELCh color 62, 68.989, 121.134.



This preview shows how white text looks on a background with the CIELCh color 62, 68.989, 121.134.

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, 68.989, 121.134

Protanopia

62, 61.879, 95.494

Deuteranopia

62, 57.533, 82.465



Tritanopia
62, 10.206, 240.365

Trichromacy



Original Color
62, 68.989, 121.134

Protanomaly
62, 62.577, 105.811

Deuteranomaly
61, 58.040, 98.619

Tritanomaly
61, 26.718, 136.366

Monochromacy



Original Color
62, 68.989, 121.134

Achromatopsia
56, 0.007, 296.813

Achromatomaly
58, 28.925, 122.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 68.989, 121.134 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(115, 164, 27)` looks like.

```
.text, #text, p{  
    color:rgb(115, 164, 27)  
}
```

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(115, 164, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 164, 27) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 68.989, 121.134 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(115, 164, 27) }
```

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

```
.border{ border-color:rgb(115, 164, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 164, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 164, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 164, 27);  
box-shadow:4px 4px 4px 4px rgb(115, 164,  
27) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 68.989, 121.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 164, 27) }
```

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

```
.background{ background-color: rgb(115,  
164, 27) }
```

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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