

Converting Colors

CIELCh(62, 70.341, 122.075)

Have a look what the booklet for
CIELCh(62, 70.341, 122.075)
contains.

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Color

CIELCh(62, 70.341, 122.075)

Conversions

Conversions Part 1

Format	Color
Hex	70A519
RGB	112, 165, 25
RGB Percent	44%, 65%, 10%
CMY	0.5610, 0.3531, 0.9022
CMYK	0.32, 0.00, 0.85, 0.35
HSL	83°, 74%, 37%
HSV	83°, 85%, 65%
XYZ	20.2957, 30.4025, 5.7141
YIQ	133.1930, 13.3520, -54.7760

Conversions

Conversions Part 2

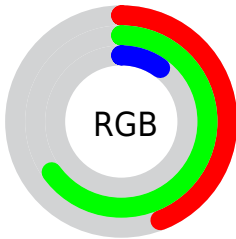
Format	Color
RYB	25, 165, 78
Decimal	7382297
CIELab	62.00, -37.35, 59.60
CIELCh	62, 70.341, 122.075
Yxy	30.4025, 0.3598, 0.5389
Android (android.graphics.Color)	4285572377 (0xFF70A519)
YUV	133.1930, -53.3391, -18.5863
Hunter-Lab	55.1385, -30.7889, 32.4526

Details

The CIELCh color **62, 70.341, 122.075** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **27, 83.895, 309.753**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 70.307, 121.963**, and **42, 59.352, 127.169** is the 20% darker color. If you saturate the color by 10%, you get **62, 74.033, 122.852**, and if you desaturate by 10%, it is **62, 64.912, 121.751**.

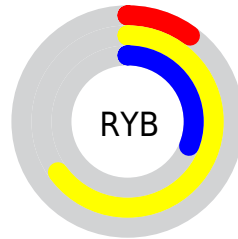
Distribution



Red (44%)

Green (65%)

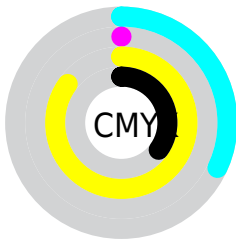
Blue (10%)



Red (10%)

Yellow (65%)

Blue (31%)

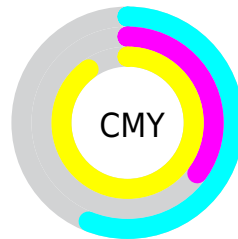


Cyan (32%)

Magenta (0%)

Yellow (85%)

Black (35%)



Cyan (56%)


Magenta (35%)


Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 70.341, 122.075 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, 70.341, 122.075 by changing the saturation by 10% instead.


 62, 70.341,
122.075


 62, 70.341,
122.075


 100, 70.341,
122.075


 52, 70.341,
122.075


 82, 70.341,
122.075

 42, 70.341,
122.075

 92, 70.341,
122.075

 32, 70.341,
122.075

 22, 70.341,
122.075

 12, 70.341,
122.075

 2, 70.341, 122.075

 0, 70.341, 122.075

■ 62, 70.341,
122.075

■ 62, 70.341,
122.075

■ 62, 74.033,
122.852

■ 62, 64.912,
121.751

■ 61, 75.566,
123.316

■ 63, 58.055,
121.778

■ 64, 50.173,
122.042

■ 64, 41.610,
122.451

■ 65, 32.621,
122.936

■ 66, 23.381,
123.455

■ 66, 14.011,
123.977

■ 67, 4.591, 124.494

Harmonies

Complementary

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



62, 70.341, 122.075



27, 83.895, 309.753

Rectangle

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



62, 70.341, 122.075



62, 70.341, 172.075



62, 70.341, 302.075



62, 70.341, 352.075

Sweetspot

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



62, 70.341, 122.076



83, 29.051, 123.424



43, 56.215, 53.290



43, 19.760, 123.251



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, 70.341, 122.076



78, 91.995, 123.608



59, 80.188, 135.370



34, 5.278, 124.268



55, 68.780, 123.147



5, 8.324, 126.783

Inverse Universe

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



27, 83.895, 309.753



31, 112.340, 309.394



37, 79.694, 323.482



32, 5.365, 305.185



20, 83.995, 309.694



1, 8.189, 303.402

Previews

White Background



This preview shows how the CIELCh color 62, 70.341, 122.075 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, 70.341, 122.075 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, 70.341, 122.075

Background



This preview shows how black text looks on a background with the CIELCh color 62, 70.341, 122.075.



This preview shows how white text looks on a background with the CIELCh color 62, 70.341, 122.075.

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](#).

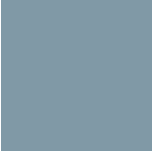
Dichromacy



Original Color
62, 70.341, 122.075

Protanopia
62, 62.567, 95.500

Deuteranopia
62, 57.883, 82.549



Tritanopia
62, 11.304, 239.233

Trichromacy



Original Color
62, 70.341, 122.075

Protanomaly
61, 63.320, 106.122

Deuteranomaly
61, 58.318, 99.064

Tritanomaly
61, 27.321, 138.396

Monochromacy



Original Color
62, 70.341, 122.075

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 29.693, 123.466

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 70.341, 122.075 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(112, 165, 25)` looks like.

```
.text, #text, p{  
    color:rgb(112, 165, 25)  
}
```

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(112, 165, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 165, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 70.341, 122.075 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(112, 165, 25) }
```

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

```
.border{ border-color:rgb(112, 165, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 165, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 165, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 165, 25);  
box-shadow:4px 4px 4px 4px rgb(112, 165,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 70.341, 122.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 165, 25) }
```

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

```
.background{ background-color: rgb(112,  
165, 25) }
```

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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