

Converting Colors

CIELCh(62, 73.352, 124.310)

Have a look what the booklet for
CIELCh(62, 73.352, 124.310)
contains.

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Color

CIELCh(62, 73.167, 124.379)

Conversions

Conversions Part 1

Format	Color
Hex	67A615
RGB	103, 166, 21
RGB Percent	40%, 65%, 8%
CMY	0.5942, 0.3472, 0.9187
CMYK	0.38, 0.00, 0.88, 0.35
HSL	86°, 78%, 37%
HSV	86°, 88%, 65%
XYZ	19.4992, 30.4025, 5.5369
YIQ	130.6330, 8.9970, -58.4510

Conversions

Conversions Part 2

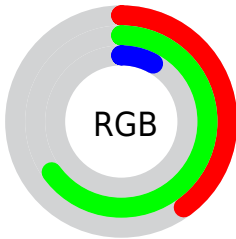
Format	Color
RYB	21, 166, 84
Decimal	6792725
CIELab	62.00, -41.31, 60.39
CIELCh	62, 73.167, 124.379
Yxy	30.4025, 0.3517, 0.5484
Android (android.graphics.Color)	4284982805 (0xFF67A615)
YUV	130.6330, -54.0491, -24.2341
Hunter-Lab	55.1385, -33.3674, 32.6432

Details

The CIELCh color **62, 73.167, 124.379** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **27, 85.630, 310.907**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 73.300, 124.553**, and **42, 61.123, 130.101** is the 20% darker color. If you saturate the color by 10%, you get **62, 76.659, 125.275**, and if you desaturate by 10%, it is **62, 67.997, 123.918**.

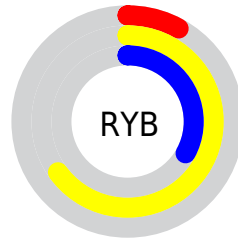
Distribution



Red (40%)

Green (65%)

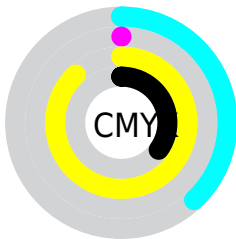
Blue (8%)



Red (8%)

Yellow (65%)

Blue (33%)

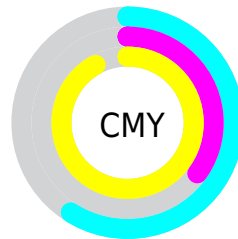


Cyan (38%)

Magenta (0%)

Yellow (88%)

Black (35%)



Cyan (59%)


Magenta (35%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 73.167, 124.379 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, 73.167, 124.379 by changing the saturation by 10% instead.


 62, 73.167,
124.379


 62, 73.167,
124.379


 100, 73.167,
124.379


 52, 73.167,
124.379


 82, 73.167,
124.379

 42, 73.167,
124.379

 92, 73.167,
124.379

 32, 73.167,
124.379

 22, 73.167,
124.379

 12, 73.167,
124.379

 2, 73.167, 124.379

 0, 73.167, 124.379

■ 62, 73.167,
124.379

■ 62, 73.167,
124.379

■ 62, 76.659,
125.275

■ 62, 67.997,
123.918

■ 62, 77.437,
125.496

■ 63, 61.288,
123.846

■ 64, 53.443,
124.043

■ 64, 44.832,
124.405

■ 65, 35.736,
124.857

■ 66, 26.353,
125.347

■ 67, 16.818,
125.844

■ 68, 7.225, 126.332

Harmonies

Complementary

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



62, 73.167, 124.379



27, 85.630, 310.907

Rectangle

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



62, 73.167, 124.379



62, 73.167, 174.379



62, 73.167, 304.379



62, 73.167, 354.379

Sweetspot

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



62, 73.167, 124.380



84, 30.850, 125.400



44, 57.279, 56.785



44, 21.055, 125.235



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



62, 73.167, 124.380



78, 94.512, 125.798



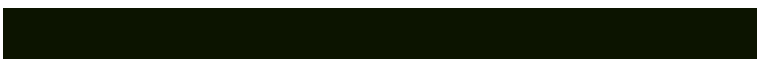
60, 82.656, 135.905



35, 5.472, 126.247



55, 70.901, 125.335



5, 10.167, 129.364

Inverse Universe

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



27, 85.630, 310.907



33, 112.117, 310.353



38, 81.158, 325.170



33, 5.555, 307.100



21, 84.167, 310.661



1, 9.898, 304.477

Previews

White Background



This preview shows how the CIELCh color 62, 73.167, 124.379 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, 73.167, 124.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

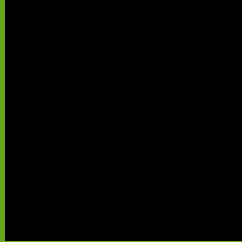
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 73.167, 124.379

Background



This preview shows how black text looks on a background with the CIELCh color 62, 73.167, 124.379.



This preview shows how white text looks on a background with the CIELCh color 62, 73.167, 124.379.

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, 72.976, 124.450

Protanopia
62, 63.562, 95.507

Deuteranopia
61, 58.069, 82.063



Tritanopia
62, 13.426, 228.805

Trichromacy



Original Color
62, 72.976, 124.450

Protanomaly
62, 64.841, 107.548

Deuteranomaly
61, 58.839, 100.392

Tritanomaly
61, 30.582, 142.012

Monochromacy



Original Color
62, 72.976, 124.450

Achromatopsia
55, 0.007, 296.813

Achromatomaly
57, 31.162, 124.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 73.167, 124.379 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(103, 166, 21)` looks like.

```
.text, #text, p{  
    color:rgb(103, 166, 21)  
}
```

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(103, 166, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 166, 21) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 73.167, 124.379 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(103, 166, 21) }
```

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

```
.border{ border-color:rgb(103, 166, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 166, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 166, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 166, 21);  
box-shadow:4px 4px 4px 4px rgb(103, 166,  
21) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 73.167, 124.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 166, 21) }
```

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

```
.background{ background-color: rgb(103,  
166, 21) }
```

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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