

Converting Colors

CIELCh(73, 73.801, 125.602)

Have a look what the booklet for
CIELCh(73, 73.801, 125.602)
contains.

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Color

CIELCh(73, 73.601, 125.671)

Conversions

Conversions Part 1

Format	Color
Hex	82C53A
RGB	130, 197, 58
RGB Percent	51%, 77%, 23%
CMY	0.4889, 0.2261, 0.7712
CMYK	0.34, 0.00, 0.70, 0.23
HSL	89°, 55%, 50%
HSV	89°, 70%, 77%
XYZ	30.0712, 45.1644, 11.1810
YIQ	161.1210, 4.6870, -57.4330

Conversions

Conversions Part 2

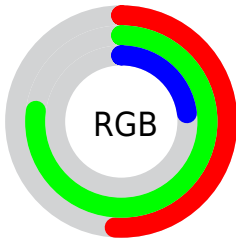
Format	Color
RYB	58, 197, 125
Decimal	8570170
CIELab	73.00, -42.92, 59.79
CIElCh	73, 73.601, 125.671
Yxy	45.1644, 0.3480, 0.5226
Android (android.graphics.Color)	4286760250 (0xFF82C53A)
YUV	161.1210, -50.8387, -27.2931
Hunter-Lab	67.2044, -37.7363, 37.1788

Details

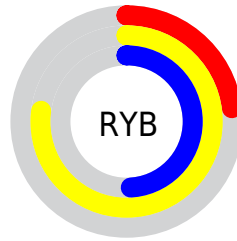
The CIELCh color **73, 73.601, 125.671** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **40, 82.357, 311.955**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 73.588, 125.652**, and **53, 70.287, 127.114** is the 20% darker color. If you saturate the color by 10%, you get **72, 80.839, 125.876**, and if you desaturate by 10%, it is **74, 64.862, 125.789**.

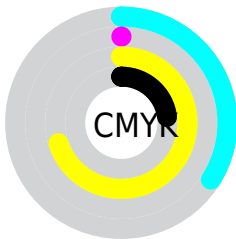
Distribution



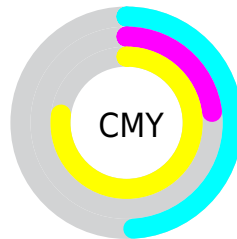
- Red (51%)
- Green (77%)
- Blue (23%)



- Red (23%)
- Yellow (77%)
- Blue (49%)



- Cyan (34%)
- Magenta (0%)
- Yellow (70%)
- Black (23%)





- Cyan (49%)
- Magenta (23%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 73.601, 125.671 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 73, 73.601, 125.671 by changing the saturation by 10% instead.


 73, 73.601,
125.671


 73, 73.601,
125.671


 100, 73.601,
125.671


 63, 73.601,
125.671


 93, 73.601,
125.671

 53, 73.601,
125.671

 43, 73.601,
125.671

 33, 73.601,
125.671

 23, 73.601,
125.671

 13, 73.601,
125.671

 3, 73.601, 125.671

■ 0, 73.601, 125.671

■ 73, 73.601,
125.671

■ 73, 73.601,
125.671

■ 72, 80.839,
125.876

■ 74, 64.862,
125.789

■ 72, 86.132,
126.522

■ 74, 55.086,
126.108

■ 72, 89.485,
127.513

■ 75, 44.645,
126.537

■ 76, 33.806,
127.015

■ 77, 22.753,
127.503

■ 78, 11.612,
127.982

■ 80, 0.473, 128.655

■ 81, 10.602,
308.824

■ 82, 21.568,
309.209

Harmonies

Complementary

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



73, 73.601, 125.671



40, 82.357, 311.955

Rectangle

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



73, 73.601, 125.671



73, 73.601, 175.671



73, 73.601, 305.671



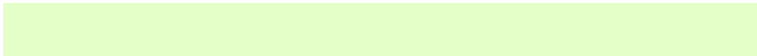
73, 73.601, 355.671

Sweetspot

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



73, 73.602, 125.672



97, 28.790, 127.460



58, 51.815, 63.361



51, 19.478, 127.323



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 73.602, 125.672



91, 102.121, 126.194



70, 83.707, 137.628



41, 6.350, 128.031



60, 77.555, 127.283



12, 22.722, 130.749

Inverse Universe

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



40, 82.357, 311.955



45, 116.814, 312.058



50, 82.552, 326.695



39, 6.440, 308.854



25, 89.614, 311.602



2, 22.297, 305.277

Previews

White Background



This preview shows how the CIELCh color 73, 73.601, 125.671 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 73, 73.601, 125.671 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 73, 73.601, 125.671

Background



This preview shows how black text looks on a background with the CIELCh color 73, 73.601, 125.671.



This preview shows how white text looks on a background with the CIELCh color 73, 73.601, 125.671.

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
73, 73.601, 125.671

Protanopia
73, 63.445, 95.441

Deuteranopia
72, 58.364, 80.634



Tritanopia
73, 14.193, 233.893

Trichromacy



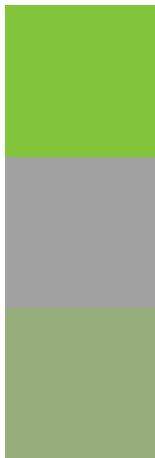
Original Color
73, 73.601, 125.671

Protanomaly
73, 64.778, 108.199

Deuteranomaly
72, 58.563, 100.029

Tritanomaly
72, 28.529, 146.402

Monochromacy



Original Color
73, 73.601, 125.671

Achromatopsia
66, 0.008, 296.813

Achromatomaly
68, 28.817, 127.036

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 73.601, 125.671 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(130, 197, 58)` looks like.

```
.text, #text, p{  
    color:rgb(130, 197, 58)  
}
```

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(130, 197, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 197, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 73.601, 125.671 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(130, 197, 58) }
```

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

```
.border{ border-color:rgb(130, 197, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 197, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 197, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 197, 58);  
box-shadow:4px 4px 4px 4px rgb(130, 197,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 73.601, 125.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 197, 58) }
```

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

```
.background{ background-color: rgb(130,  
197, 58) }
```

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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