

Converting Colors

CIELCh(55, 70.952, 125.419)

Have a look what the booklet for
CIELCh(55, 70.952, 125.419)
contains.

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Color

CIELCh(55, 71.097, 125.600)

Conversions

Conversions Part 1

Format	Color
Hex	539400
RGB	83, 148, 0
RGB Percent	33%, 58%, 0%
CMY	0.6755, 0.4206, 1.0000
CMYK	0.44, 0.00, 1.00, 0.42
HSL	86°, 100%, 29%
HSV	86°, 100%, 58%
XYZ	14.0939, 22.9298, 3.6700
YIQ	111.6930, 8.7680, -59.8080

Conversions

Conversions Part 2

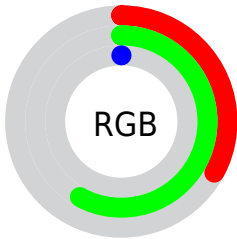
Format	Color
RYB	0, 148, 65
Decimal	5477376
CIELab	55.00, -41.39, 57.81
CIELCh	55, 71.097, 125.600
Yxy	22.9298, 0.3463, 0.5635
Android (android.graphics.Color)	4283667456 (0xFF539400)
YUV	111.6930, -55.0646, -25.1638
Hunter-Lab	47.8851, -31.2616, 28.9755

Details

The CIELCh color **55, 71.097, 125.600** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **21, 83.973, 310.815**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **75, 71.405, 125.531**, and **35, 56.601, 133.398** is the 20% darker color. If you saturate the color by 10%, you get **55, 71.031, 125.629**, and if you desaturate by 10%, it is **55, 67.798, 124.791**.

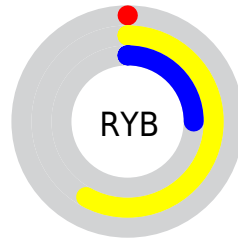
Distribution



Red (33%)

Green (58%)

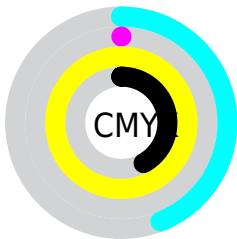
Blue (0%)



Red (0%)

Yellow (58%)

Blue (25%)

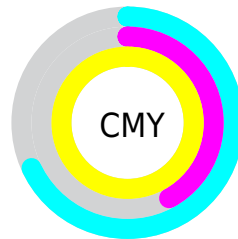


Cyan (44%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (68%)

Magenta (42%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 71.097, 125.600 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 55, 71.097, 125.600 by changing the saturation by 10% instead.

 55, 71.097,
125.600


 55, 71.097,
125.600

 100, 71.097,
125.600

 45, 71.097,
125.600

 75, 71.097,
125.600

 35, 71.097,
125.600

 85, 71.097,
125.600

 25, 71.097,
125.600

 95, 71.097,
125.600

 15, 71.097,
125.600

 5, 71.097, 125.600

 0, 71.097, 125.600

■ 55, 71.097,
125.600

■ 55, 71.097,
125.600

■ 55, 71.031,
125.629

■ 55, 67.798,
124.791

■ 56, 63.345,
124.260

■ 56, 57.454,
124.129

■ 57, 50.477,
124.284

■ 57, 42.756,
124.617

■ 58, 34.557,
125.050

■ 59, 26.069,
125.528

■ 59, 17.423,

126.018

■ 60, 8.709, 126.500

Harmonies

Complementary

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



55, 71.097, 125.600



21, 83.973, 310.815

Rectangle

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



55, 71.097, 125.600



55, 71.097, 175.600



55, 71.097, 305.600



55, 71.097, 355.600

Sweetspot

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



55, 71.031, 125.629



74, 32.165, 125.499



38, 58.253, 56.156



39, 22.077, 125.313



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



55, 71.031, 125.629



70, 86.183, 125.959



53, 79.348, 135.654



31, 4.923, 126.538



51, 67.414, 125.524



2, 4.313, 126.946

Inverse Universe

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



21, 83.973, 310.815



29, 101.828, 310.594



33, 77.228, 325.672



29, 4.996, 307.364



19, 79.711, 310.886



0, 4.314, 306.944

Previews

White Background



This preview shows how the CIELCh color 55, 71.097, 125.600 looks on a white background.

Color Contrast Check

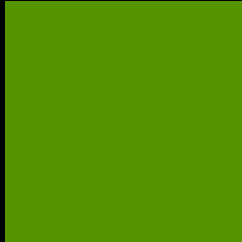
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 71.097, 125.600 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 × Fail

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

CIELCh 55, 71.097, 125.600

Background



This preview shows how black text looks on a background with the CIELCh color 55, 71.097, 125.600.



This preview shows how white text looks on a background with the CIELCh color 55, 71.097, 125.600.

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
55, 71.097, 125.600

Protanopia
55, 59.713, 95.016

Deuteranopia
55, 53.712, 82.248



Tritanopia
55, 14.199, 224.934

Trichromacy



Original Color
55, 71.097, 125.600

Protanomaly
54, 61.440, 108.520

Deuteranomaly
54, 56.149, 102.306

Tritanomaly
54, 32.833, 142.138

Monochromacy



Original Color
55, 71.097, 125.600

Achromatopsia
47, 0.006, 296.813

Achromatomaly
49, 31.887, 124.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 71.097, 125.600 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(83, 148, 0)` looks like.

```
.text, #text, p{  
    color:rgb(83, 148, 0)  
}
```

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(83, 148, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 148, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 71.097, 125.600 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(83, 148, 0) }
```

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

```
.border{ border-color:rgb(83, 148, 0) }
```

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

Here you see how a box with a 4 pixel rgb(83, 148, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 148, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 148, 0);  
box-shadow:4px 4px 4px 4px rgb(83, 148, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 55, 71.097, 125.600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 148, 0) }
```

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

```
.background{ background-color: rgb(83, 148,  
0) }
```

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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