

Converting Colors

CIELCh(55, 67.681, 125.113)

Have a look what the booklet for
CIELCh(55, 67.681, 125.113)
contains.

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Color

CIELCh(55, 67.598, 125.033)

Conversions

Conversions Part 1

Format	Color
Hex	58930F
RGB	88, 147, 15
RGB Percent	35%, 58%, 6%
CMY	0.6554, 0.4240, 0.9420
CMYK	0.40, 0.00, 0.90, 0.42
HSL	87°, 82%, 32%
HSV	87°, 90%, 58%
XYZ	14.5106, 22.9298, 4.1051
YIQ	114.3110, 7.2080, -53.5600

Conversions

Conversions Part 2

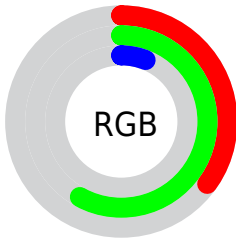
Format	Color
RYB	15, 147, 74
Decimal	5804815
CIELab	55.00, -38.80, 55.35
CIELCh	55, 67.598, 125.033
Yxy	22.9298, 0.3493, 0.5519
Android (android.graphics.Color)	4283994895 (0xFF58930F)
YUV	114.3110, -48.9603, -23.0747
Hunter-Lab	47.8851, -29.7084, 28.4368

Details

The CIELCh color **55, 67.598, 125.033** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **23, 78.737, 311.205**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **75, 67.527, 124.949**, and **35, 55.545, 131.827** is the 20% darker color. If you saturate the color by 10%, you get **55, 70.847, 125.867**, and if you desaturate by 10%, it is **55, 63.131, 124.509**.

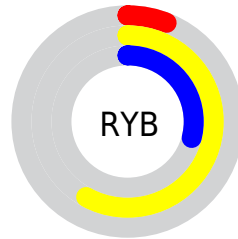
Distribution



Red (35%)

Green (58%)

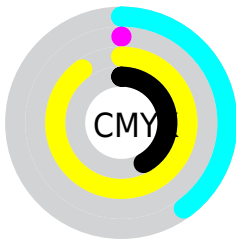
Blue (6%)



Red (6%)

Yellow (58%)

Blue (29%)

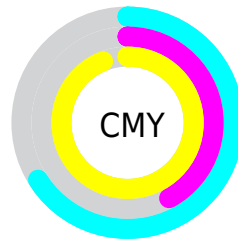


Cyan (40%)

Magenta (0%)

Yellow (90%)

Black (42%)



Cyan (66%)


Magenta (42%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 67.598, 125.033 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, 67.598, 125.033 by changing the saturation by 10% instead.


 55, 67.598,
125.033


 55, 67.598,
125.033


 100, 67.598,
125.033


 45, 67.598,
125.033


 75, 67.598,
125.033

 35, 67.598,
125.033

 85, 67.598,
125.033

 25, 67.598,
125.033

 95, 67.598,
125.033

 15, 67.598,
125.033

 5, 67.598, 125.033

 0, 67.598, 125.033

■ 55, 67.598,
125.033

■ 55, 67.598,
125.033

■ 55, 70.847,
125.867

■ 55, 63.131,
124.509

■ 55, 70.870,
125.872

■ 56, 57.238,
124.382

■ 56, 50.269,
124.539

■ 57, 42.563,
124.873

■ 58, 34.384,
125.305

■ 58, 25.920,
125.782

■ 59, 17.301,
126.269

■ 60, 8.616, 126.748

Harmonies

Complementary

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



55, 67.598, 125.033



23, 78.737, 311.205

Rectangle

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



55, 67.598, 125.033



55, 67.598, 175.033



55, 67.598, 305.033



55, 67.598, 355.033

Sweetspot

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



55, 67.598, 125.034



75, 29.026, 125.897



39, 52.741, 57.859



39, 19.691, 125.748



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, 67.598, 125.034



70, 86.376, 126.212



53, 76.112, 136.020



31, 4.930, 126.782



51, 67.561, 125.776



2, 4.319, 127.187

Inverse Universe

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



23, 78.737, 311.205



29, 101.684, 310.728



34, 74.445, 325.747



29, 5.002, 307.601



19, 79.600, 311.021



0, 4.319, 307.185

Previews

White Background



This preview shows how the CIELCh color 55, 67.598, 125.033 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, 67.598, 125.033 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, 67.598, 125.033

Background



This preview shows how black text looks on a background with the CIELCh color 55, 67.598, 125.033.



This preview shows how white text looks on a background with the CIELCh color 55, 67.598, 125.033.

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, 67.598, 125.033

Protanopia
55, 58.482, 95.005

Deuteranopia
55, 53.029, 82.069



Tritanopia
55, 13.074, 227.518

Trichromacy



Original Color
55, 67.598, 125.033

Protanomaly
54, 59.661, 107.977

Deuteranomaly
54, 53.877, 100.994

Tritanomaly
55, 29.138, 143.623

Monochromacy



Original Color
55, 67.598, 125.033

Achromatopsia
48, 0.006, 296.813

Achromatomaly
50, 29.069, 125.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 67.598, 125.033 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(88, 147, 15)` looks like.

```
.text, #text, p{  
    color:rgb(88, 147, 15)  
}
```

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(88, 147, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 147, 15) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 67.598, 125.033 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(88, 147, 15) }
```

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

```
.border{ border-color:rgb(88, 147, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 147, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 147, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 147, 15);  
box-shadow:4px 4px 4px 4px rgb(88, 147,  
15) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 67.598, 125.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 147, 15) }
```

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

```
.background{ background-color: rgb(88, 147,  
15) }
```

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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