

Converting Colors

CIELCh(51, 57.839, 123.247)

Have a look what the booklet for
CIELCh(51, 57.839, 123.247)
contains.

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Color

CIELCh(51, 57.794, 123.259)

Conversions

Conversions Part 1

Format	Color
Hex	5A861C
RGB	90, 134, 28
RGB Percent	35%, 53%, 11%
CMY	0.6475, 0.4750, 0.8907
CMYK	0.33, 0.00, 0.79, 0.47
HSL	85°, 66%, 32%
HSV	85°, 79%, 53%
XYZ	12.9218, 19.2686, 4.1284
YIQ	108.7600, 7.8020, -42.2940

Conversions

Conversions Part 2

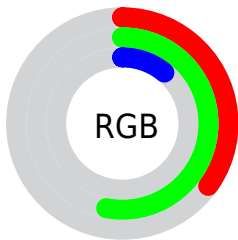
Format	Color
R _Y B	28, 134, 72
Decimal	5932572
CIE Lab	51.00, -31.70, 48.33
CIE LCh	51, 57.794, 123.259
Yxy	19.2686, 0.3558, 0.5305
Android (android.graphics.Color)	4284122652 (0xFF5A861C)
YUV	108.7600, -39.8147, -16.4525
Hunter-Lab	43.8960, -24.2726, 25.1510

Details

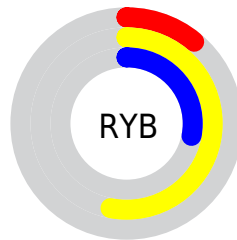
The CIELCh color **51, 57.794, 123.259** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **23, 66.982, 310.425**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 58.070, 123.240**, and **31, 48.720, 128.205** is the 20% darker color. If you saturate the color by 10%, you get **51, 62.069, 123.713**, and if you desaturate by 10%, it is **51, 52.249, 123.183**.

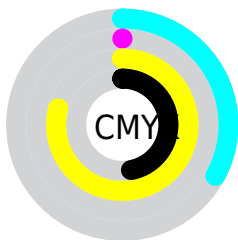
Distribution



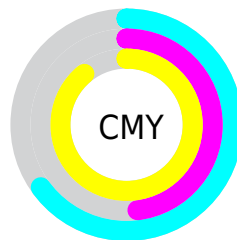
- Red (35%)
- Green (53%)
- Blue (11%)



- Red (11%)
- Yellow (53%)
- Blue (28%)



- Cyan (33%)
- Magenta (0%)
- Yellow (79%)
- Black (47%)





- Cyan (65%)
- Magenta (48%)
- Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 57.794, 123.259 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 51, 57.794, 123.259 by changing the saturation by 10% instead.


 51, 57.794,
123.259


 51, 57.794,
123.259


 100, 57.794,
123.259


 41, 57.794,
123.259


 71, 57.794,
123.259

 31, 57.794,
123.259

 81, 57.794,
123.259

 21, 57.794,
123.259

 91, 57.794,
123.259

 11, 57.794,
123.259

 1, 57.794, 123.259

 0, 57.794, 123.259

■ 51, 57.794,
123.259

■ 51, 57.794,
123.259

■ 51, 62.069,
123.713

■ 51, 52.249,
123.183

■ 50, 65.239,
124.465

■ 52, 45.757,
123.369

■ 50, 65.498,
124.518

■ 52, 38.621,
123.721

■ 53, 31.071,
124.163

■ 54, 23.271,
124.648

■ 54, 15.335,
125.143

■ 55, 7.339, 125.632

■ 56, 0.660, 305.984

Harmonies

Complementary

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



51, 57.794, 123.259



23, 66.982, 310.425

Rectangle

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



51, 57.794, 123.259



51, 57.794, 173.259



51, 57.794, 303.259



51, 57.794, 353.259

Sweetspot

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



51, 57.794, 123.260



69, 23.675, 124.879



37, 43.355, 56.681



35, 16.181, 124.727



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



51, 57.794, 123.260



64, 77.843, 124.394



49, 65.825, 136.156



28, 4.472, 125.635



49, 64.112, 124.472



1, 1.073, 126.048

Inverse Universe

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



23, 66.982, 310.425



26, 92.710, 310.336



31, 65.303, 324.609



26, 4.540, 306.473



17, 76.822, 310.462



0, 1.073, 306.046

Previews

White Background



This preview shows how the CIELCh color 51, 57.794, 123.259 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 51, 57.794, 123.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

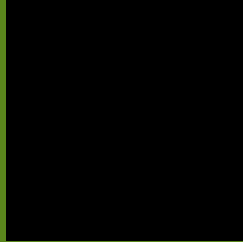
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 57.794, 123.259

Background



This preview shows how black text looks on a background with the CIELCh color 51, 57.794, 123.259.



This preview shows how white text looks on a background with the CIELCh color 51, 57.794, 123.259.

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


51, 57.794, 123.259

Protanopia

51, 50.503, 95.353

Deuteranopia

51, 46.921, 81.840



Tritanopia
51, 9.822, 235.323

Trichromacy



Original Color
51, 57.794, 123.259

Protanomaly
51, 51.633, 107.246

Deuteranomaly
50, 47.162, 99.929

Tritanomaly
51, 22.337, 141.302

Monochromacy



Original Color
51, 57.794, 123.259

Achromatopsia
46, 0.006, 296.813

Achromatomaly
47, 23.700, 124.296

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 57.794, 123.259 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(90, 134, 28)` looks like.

```
.text, #text, p{  
    color:rgb(90, 134, 28)  
}
```

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(90, 134, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 134, 28) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 57.794, 123.259 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(90, 134, 28) }
```

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

```
.border{ border-color:rgb(90, 134, 28) }
```

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

Here you see how a box with a 4 pixel rgb(90, 134, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 134, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 134, 28);  
box-shadow:4px 4px 4px 4px rgb(90, 134,  
28) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 57.794, 123.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 134, 28) }
```

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

```
.background{ background-color: rgb(90, 134,  
28) }
```

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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