

Converting Colors

CIELCh(51, 70.786, 131.592)

Have a look what the booklet for
CIELCh(51, 70.786, 131.592)
contains.

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Color

CIELCh(51, 70.782, 131.549)

Conversions

Conversions Part 1

Format	Color
Hex	358B06
RGB	53, 139, 6
RGB Percent	21%, 55%, 2%
CMY	0.7917, 0.4545, 0.9757
CMYK	0.62, 0.00, 0.96, 0.45
HSL	99°, 91%, 28%
HSV	99°, 96%, 55%
XYZ	10.7559, 19.2686, 3.3300
YIQ	98.1240, -8.5630, -59.5950

Conversions

Conversions Part 2

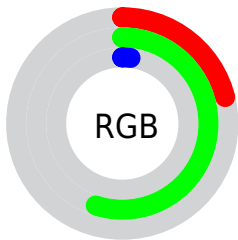
Format	Color
RYB	6, 139, 92
Decimal	3508998
CIELab	51.00, -46.95, 52.97
CIELCh	51, 70.782, 131.549
Yxy	19.2686, 0.3225, 0.5777
Android (android.graphics.Color)	4281699078 (0xFF358B06)
YUV	98.1240, -45.4171, -39.5737
Hunter-Lab	43.8960, -33.0800, 26.2294

Details

The CIELCh color **51, 70.782, 131.549** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **25, 75.306, 316.156**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 70.713, 131.474**, and **32, 55.146, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **51, 72.297, 131.751**, and if you desaturate by 10%, it is **51, 66.954, 131.034**.

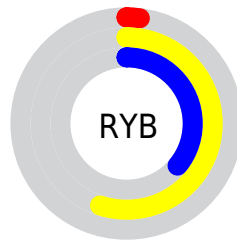
Distribution



Red (21%)

Green (55%)

Blue (2%)



Red (2%)

Yellow (55%)

Blue (36%)

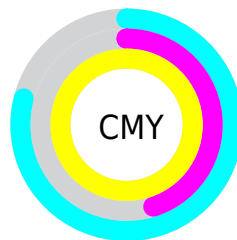


Cyan (62%)

Magenta (0%)

Yellow (96%)

Black (45%)



Cyan (79%)


Magenta (45%)


Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 70.782, 131.549 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, 70.782, 131.549 by changing the saturation by 10% instead.


 51, 70.782,
131.549


 51, 70.782,
131.549


 100, 70.782,
131.549


 41, 70.782,
131.549


 71, 70.782,
131.549

 31, 70.782,
131.549

 81, 70.782,
131.549

 21, 70.782,
131.549

 91, 70.782,
131.549

 11, 70.782,
131.549

 1, 70.782, 131.549

 0, 70.782, 131.549

■ 51, 70.782,
131.549

■ 51, 70.782,
131.549

■ 51, 72.297,
131.751

■ 51, 66.954,
131.034

■ 52, 61.631,
130.899

■ 52, 55.047,
131.074

■ 53, 47.557,
131.443

■ 54, 39.465,
131.911

■ 54, 31.001,
132.413

■ 55, 22.332,
132.912

■ 56, 13.577,

133.386

■ 57, 4.823, 133.835

Harmonies

Complementary

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



51, 70.782, 131.549



25, 75.306, 316.156

Rectangle

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



51, 70.782, 131.549



51, 70.782, 181.549



51, 70.782, 311.549



51, 70.782, 1.549

Sweetspot

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



51, 70.782, 131.550



70, 31.421, 132.710



43, 51.015, 74.173



37, 21.708, 132.520



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



51, 70.782, 131.550



65, 88.064, 132.061



50, 71.824, 138.106



29, 4.877, 133.674



49, 69.777, 131.686



1, 2.262, 134.031

Inverse Universe

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



25, 75.306, 316.156



32, 93.539, 315.759



32, 65.757, 333.935



27, 4.922, 314.382



22, 74.305, 316.027



0, 2.262, 314.028

Previews

White Background



This preview shows how the CIELCh color 51, 70.782, 131.549 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, 70.782, 131.549 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, 70.782, 131.549

Background



This preview shows how black text looks on a background with the CIELCh color 51, 70.782, 131.549.



This preview shows how white text looks on a background with the CIELCh color 51, 70.782, 131.549.

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, 70.782, 131.549

Protanopia

51, 56.336, 95.422

Deuteranopia

51, 49.614, 82.640



Tritanopia
51, 18.271, 218.539

Trichromacy



Original Color
51, 70.782, 131.549

Protanomaly
50, 58.843, 112.949

Deuteranomaly
50, 52.445, 107.554

Tritanomaly
50, 34.956, 152.047

Monochromacy



Original Color
51, 70.782, 131.549

Achromatopsia
42, 0.006, 296.813

Achromatomaly
44, 31.126, 132.072

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 70.782, 131.549 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(53, 139, 6)` looks like.

```
.text, #text, p{  
    color:rgb(53, 139, 6)  
}
```

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(53, 139, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 139, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 70.782, 131.549 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(53, 139, 6) }
```

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

```
.border{ border-color:rgb(53, 139, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 139, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 139, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 139, 6);  
box-shadow:4px 4px 4px 4px rgb(53, 139, 6)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 51, 70.782, 131.549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 139, 6) }
```

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

```
.background{ background-color: rgb(53, 139,  
6) }
```

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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