

Converting Colors

CIELCh(51, 30.628, 107.034)

Have a look what the booklet for
CIELCh(51, 30.628, 107.034)
contains.

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Color

CIELCh(51, 30.594, 107.057)

Conversions

Conversions Part 1

Format	Color
Hex	7C7D47
RGB	124, 125, 71
RGB Percent	49%, 49%, 28%
CMY	0.5154, 0.5114, 0.7231
CMYK	0.01, 0.00, 0.43, 0.51
HSL	61°, 28%, 38%
HSV	61°, 43%, 49%
XYZ	16.6595, 19.2686, 8.7384
YIQ	118.5450, 16.7380, -17.0060

Conversions

Conversions Part 2

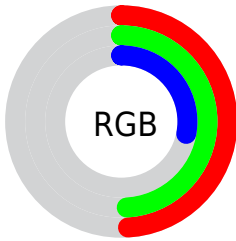
Format	Color
RYB	71, 125, 72
Decimal	8158535
CIELab	51.00, -8.97, 29.25
CIELCh	51, 30.594, 107.057
Yxy	19.2686, 0.3730, 0.4314
Android (android.graphics.Color)	4286348615 (0xFF7C7D47)
YUV	118.5450, -23.4397, 4.7840
Hunter-Lab	43.8960, -9.0736, 18.9243

Details

The CIELCh color **51, 30.594, 107.057** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **32, 34.101, 296.362**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 30.593, 106.328**, and **31, 30.431, 106.518** is the 20% darker color. If you saturate the color by 10%, you get **51, 37.114, 106.240**, and if you desaturate by 10%, it is **51, 23.759, 107.929**.

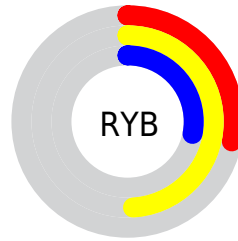
Distribution



Red (49%)

Green (49%)

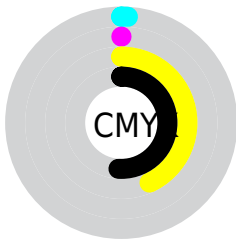
Blue (28%)



Red (28%)

Yellow (49%)

Blue (28%)

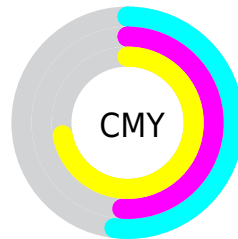


Cyan (1%)

Magenta (0%)

Yellow (43%)

Black (51%)



Cyan (52%)


Magenta (51%)


Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 30.594, 107.057 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, 30.594, 107.057 by changing the saturation by 10% instead.


 51, 30.594,
107.057


 51, 30.594,
107.057


 100, 30.594,
107.057


 41, 30.594,
107.057


 71, 30.594,
107.057

 31, 30.594,
107.057

 81, 30.594,
107.057

 21, 30.594,
107.057

 91, 30.594,
107.057

 11, 30.594,
107.057

 1, 30.594, 107.057

 0, 30.594, 107.057

■ 51, 30.594,
107.057

■ 51, 30.594,
107.057

■ 51, 37.114,
106.240

■ 51, 23.759,
107.929

■ 51, 43.131,
105.498

■ 51, 16.729,
108.823

■ 51, 48.391,
104.873

■ 52, 9.588, 109.724

■ 50, 52.584,
104.404

■ 52, 2.390, 110.607

■ 50, 55.436,
104.123

■ 53, 4.830, 291.510

■ 50, 57.035,
103.977

■ 53, 12.048,
292.358

■ 53, 19.245,
293.178

■ 54, 26.411,
293.963

■ 54, 33.534,
294.711

Harmonies

Complementary

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



51, 30.594, 107.057



32, 34.101, 296.362

Rectangle

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



51, 30.594, 107.057



51, 30.594, 157.057



51, 30.594, 287.057



51, 30.594, 337.057

Sweetspot

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



51, 30.595, 107.060



67, 11.669, 109.724



37, 24.810, 24.677



34, 8.120, 109.556



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



51, 30.595, 107.060



65, 45.139, 106.243



49, 33.126, 127.715



26, 3.998, 110.106



50, 57.151, 103.977



96, 96.209, 104.038

Inverse Universe

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



32, 34.101, 296.362



38, 52.059, 298.152



35, 35.091, 311.686



23, 4.081, 291.781



13, 78.776, 306.375



32, 132.718, 306.325

Previews

White Background



This preview shows how the CIELCh color 51, 30.594, 107.057 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, 30.594, 107.057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

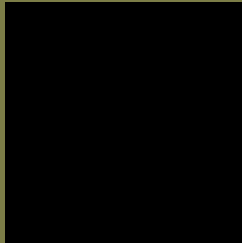
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 30.594, 107.057

Background



This preview shows how black text looks on a background with the CIELCh color 51, 30.594, 107.057.



This preview shows how white text looks on a background with the CIELCh color 51, 30.594, 107.057.

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, 30.594, 107.057

Protanopia

51, 30.209, 95.695

Deuteranopia

51, 29.012, 77.106



Tritanopia
51, 7.131, 332.883

Trichromacy



Original Color
51, 30.594, 107.057

Protanomaly
51, 29.861, 99.215

Deuteranomaly
51, 28.485, 88.648

Tritanomaly
51, 8.806, 86.508

Monochromacy



Original Color
51, 30.594, 107.057

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 11.041, 108.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 30.594, 107.057 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(124, 125, 71)` looks like.

```
.text, #text, p{  
    color:rgb(124, 125, 71)  
}
```

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(124, 125, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 125, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 30.594, 107.057 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(124, 125, 71) }
```

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

```
.border{ border-color:rgb(124, 125, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 125, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 125, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 125, 71);  
box-shadow:4px 4px 4px 4px rgb(124, 125,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 30.594, 107.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 125, 71) }
```

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

```
.background{ background-color: rgb(124,  
125, 71) }
```

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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