

Converting Colors

CIELCh(51, 56.469, 101.351)

Have a look what the booklet for
CIELCh(51, 56.469, 101.351)
contains.

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Color

CIELCh(51, 56.390, 101.482)

Conversions

Conversions Part 1

Format	Color
Hex	807D04
RGB	128, 125, 4
RGB Percent	50%, 49%, 2%
CMY	0.4980, 0.5098, 0.9842
CMYK	0.00, 0.02, 0.97, 0.50
HSL	59°, 94%, 26%
HSV	59°, 97%, 50%
XYZ	16.2606, 19.2686, 2.9776
YIQ	112.1030, 40.6290, -36.9950

Conversions

Conversions Part 2

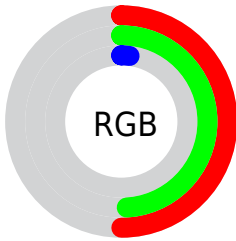
Format	Color
RYB	7, 128, 4
Decimal	8420612
CIELab	51.00, -11.22, 55.26
CIELCh	51, 56.390, 101.482
Yxy	19.2686, 0.4223, 0.5004
Android (android.graphics.Color)	4286610692 (0xFF807D04)
YUV	112.1030, -53.2948, 13.9417
Hunter-Lab	43.8960, -10.6954, 26.7054

Details

The CIELCh color **51, 56.390, 101.482** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **14, 77.219, 305.428**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 56.392, 101.376**, and **31, 40.374, 103.593** is the 20% darker color. If you saturate the color by 10%, you get **51, 57.136, 101.361**, and if you desaturate by 10%, it is **51, 53.911, 101.892**.

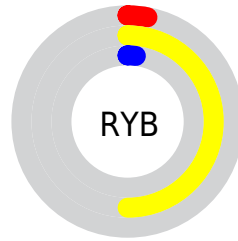
Distribution



Red (50%)

Green (49%)

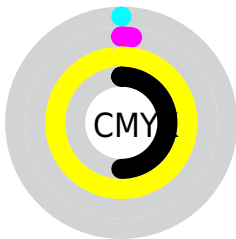
Blue (2%)



Red (3%)

Yellow (50%)

Blue (2%)

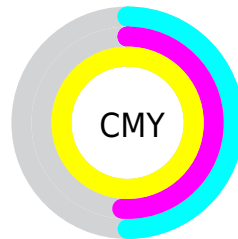


Cyan (0%)

Magenta (2%)

Yellow (97%)

Black (50%)



Cyan (50%)


Magenta (51%)


Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 56.390, 101.482 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, 56.390, 101.482 by changing the saturation by 10% instead.

 51, 56.390,
101.482


 51, 56.390,
101.482


 100, 56.390,
101.482


 41, 56.390,
101.482


 71, 56.390,
101.482

 31, 56.390,
101.482

 81, 56.390,
101.482

 21, 56.390,
101.482

 91, 56.390,
101.482

 11, 56.390,
101.482

 1, 56.390, 101.482

 0, 56.390, 101.482

■ 51, 56.390,
101.482

■ 51, 56.390,
101.482

■ 51, 57.136,
101.361

■ 51, 53.911,
101.892

■ 51, 50.154,
102.439

■ 51, 45.194,
103.125

■ 52, 39.367,
103.919

■ 52, 32.963,
104.789

■ 52, 26.196,
105.708

■ 53, 19.210,
106.653

■ 53, 12.100,

107.607

■ 53, 4.926, 108.550

Harmonies

Complementary

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



51, 56.390, 101.482



14, 77.219, 305.428

Rectangle

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



51, 56.390, 101.482



51, 56.390, 151.482



51, 56.390, 281.482



51, 56.390, 331.482

Sweetspot

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



51, 56.390, 101.484



67, 25.587, 106.386



26, 58.979, 36.438



35, 17.655, 106.043



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



51, 56.390, 101.484



65, 68.961, 101.326



48, 63.406, 126.191



27, 4.037, 108.341



51, 56.972, 101.362



0, 0.000, 0.000

Inverse Universe

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



14, 77.219, 305.428



19, 95.765, 305.955



19, 73.628, 311.533



24, 4.118, 290.119



13, 78.738, 305.834



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 51, 56.390, 101.482 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 CIE LCh color 51, 56.390, 101.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

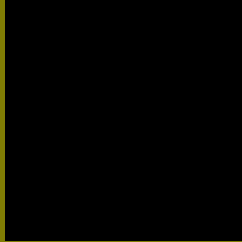
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 56.390, 101.482

Background



This preview shows how black text looks on a background with the CIELCh color 51, 56.390, 101.482.



This preview shows how white text looks on a background with the CIELCh color 51, 56.390, 101.482.

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, 56.390, 101.482

Protanopia

51, 56.662, 95.476

Deuteranopia

51, 53.321, 83.037



Tritanopia
51, 9.636, 347.678

Trichromacy



Original Color
51, 56.390, 101.482

Protanomaly
51, 56.552, 97.480

Deuteranomaly
51, 53.862, 90.159

Tritanomaly
50, 22.891, 91.200

Monochromacy



Original Color
51, 56.390, 101.482

Achromatopsia
47, 0.006, 296.813

Achromatomaly
48, 25.380, 105.706

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 56.390, 101.482 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(128, 125, 4)` looks like.

```
.text, #text, p{  
    color:rgb(128, 125, 4)  
}
```

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(128, 125, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 125, 4) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 56.390, 101.482 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(128, 125, 4) }
```

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

```
.border{ border-color:rgb(128, 125, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 125, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 125, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 125, 4);  
box-shadow:4px 4px 4px 4px rgb(128, 125,  
4) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 56.390, 101.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 125, 4) }
```

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

```
.background{ background-color: rgb(128,  
125, 4) }
```

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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