

Converting Colors

CIELCh(51, 40.399, 130.739)

Have a look what the booklet for
CIELCh(51, 40.399, 130.739)
contains.

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Color

CIELCh(51, 40.359, 130.755)

Conversions

Conversions Part 1

Format	Color
Hex	5C8443
RGB	92, 132, 67
RGB Percent	36%, 52%, 26%
CMY	0.6382, 0.4813, 0.7363
CMYK	0.30, 0.00, 0.49, 0.48
HSL	97°, 33%, 39%
HSV	97°, 49%, 52%
XYZ	13.7451, 19.2686, 8.3422
YIQ	112.6300, -2.9750, -28.6950

Conversions

Conversions Part 2

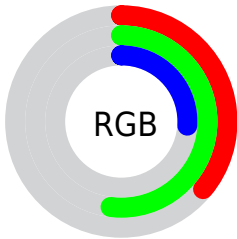
Format	Color
RYB	67, 132, 107
Decimal	6063171
CIELab	51.00, -26.35, 30.57
CIELCh	51, 40.359, 130.755
Yxy	19.2686, 0.3324, 0.4659
Android (android.graphics.Color)	4284253251 (0xFF5C8443)
YUV	112.6300, -22.4956, -18.0925
Hunter-Lab	43.8960, -20.9247, 19.4594

Details

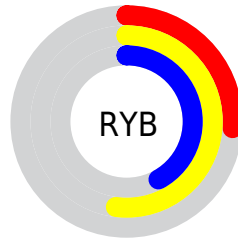
The CIELCh color **51, 40.359, 130.755** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **36, 42.387, 315.073**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 40.378, 130.577**, and **31, 40.285, 130.434** is the 20% darker color. If you saturate the color by 10%, you get **50, 47.888, 130.344**, and if you desaturate by 10%, it is **52, 32.416, 131.229**.

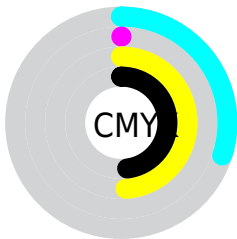
Distribution



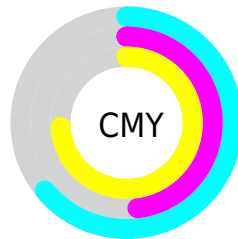
- Red (36%)
- Green (52%)
- Blue (26%)



- Red (26%)
- Yellow (52%)
- Blue (42%)



- Cyan (30%)
- Magenta (0%)
- Yellow (49%)
- Black (48%)





- Cyan (64%)
- Magenta (48%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 40.359, 130.755 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, 40.359, 130.755 by changing the saturation by 10% instead.


 51, 40.359,
130.755


 51, 40.359,
130.755


 100, 40.359,
130.755


 41, 40.359,
130.755


 71, 40.359,
130.755

 31, 40.359,
130.755

 81, 40.359,
130.755

 21, 40.359,
130.755

 91, 40.359,
130.755

 11, 40.359,
130.755

 1, 40.359, 130.755

 0, 40.359, 130.755

■ 51, 40.359,
130.755

■ 51, 40.359,
130.755

■ 50, 47.888,
130.344

■ 52, 32.416,
131.229

■ 50, 54.763,
130.066

■ 53, 24.231,
131.716

■ 49, 60.676,
130.025

■ 53, 15.929,
132.189

■ 49, 65.297,
130.337

■ 54, 7.597, 132.637

■ 49, 68.768,
130.897

■ 55, 0.700, 312.861

■ 49, 69.055,
130.931

■ 56, 8.916, 313.375

■ 58, 17.019,
313.705

■ 59, 24.988,
313.994

■ 60, 32.806,
314.247

Harmonies

Complementary

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



51, 40.359, 130.755



36, 42.387, 315.073

Rectangle

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



51, 40.359, 130.755



51, 40.359, 180.755



51, 40.359, 310.755



51, 40.359, 0.755

Sweetspot

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



51, 40.360, 130.756



68, 15.361, 132.363



47, 26.203, 79.073



36, 10.566, 132.281



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, 40.360, 130.756



64, 58.747, 130.304



50, 42.331, 143.312



28, 4.686, 132.638



48, 68.200, 130.906



1, 1.122, 132.993

Inverse Universe

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



36, 42.387, 315.073



42, 62.349, 315.462



39, 42.138, 330.026



26, 4.733, 313.344



21, 73.713, 315.148



0, 1.122, 312.990

Previews

White Background



This preview shows how the CIELCh color 51, 40.359, 130.755 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, 40.359, 130.755 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, 40.359, 130.755

Background



This preview shows how black text looks on a background with the CIELCh color 51, 40.359, 130.755.



This preview shows how white text looks on a background with the CIELCh color 51, 40.359, 130.755.

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, 40.359, 130.755

Protanopia

51, 33.388, 96.191

Deuteranopia

51, 30.017, 77.932



Tritanopia
51, 9.822, 235.323

Trichromacy



Original Color
51, 40.359, 130.755

Protanomaly
51, 33.939, 111.173

Deuteranomaly
51, 29.708, 101.856

Tritanomaly
51, 15.678, 155.926

Monochromacy



Original Color
51, 40.359, 130.755

Achromatopsia
48, 0.006, 296.813

Achromatomaly
49, 15.393, 132.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 40.359, 130.755 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(92, 132, 67)` looks like.

```
.text, #text, p{  
    color:rgb(92, 132, 67)  
}
```

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(92, 132, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 132, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 40.359, 130.755 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(92, 132, 67) }
```

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

```
.border{ border-color:rgb(92, 132, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 132, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 132, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 132, 67);  
box-shadow:4px 4px 4px 4px rgb(92, 132,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 40.359, 130.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 132, 67) }
```

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

```
.background{ background-color: rgb(92, 132,  
67) }
```

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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