

Converting Colors

CIELCh(50, 55.137, 139.455)

Have a look what the booklet for
CIELCh(50, 55.137, 139.455)
contains.

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Color

CIELCh(50, 54.897, 139.458)

Conversions

Conversions Part 1

Format	Color
Hex	368736
RGB	54, 135, 54
RGB Percent	21%, 53%, 21%
CMY	0.7877, 0.4701, 0.7878
CMYK	0.60, 0.00, 0.60, 0.47
HSL	120°, 43%, 37%
HSV	120°, 60%, 53%
XYZ	10.8789, 18.4187, 6.4861
YIQ	101.5470, -22.2750, -42.3630

Conversions

Conversions Part 2

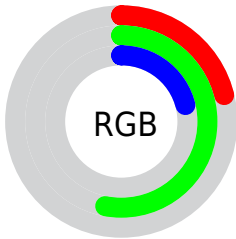
Format	Color
RYB	54, 135, 135
Decimal	3573558
CIELab	50.00, -41.72, 35.68
CIElCh	50, 54.897, 139.458
Yxy	18.4187, 0.3040, 0.5147
Android (android.graphics.Color)	4281763638 (0xFF368736)
YUV	101.5470, -23.4407, -41.6987
Hunter-Lab	42.9170, -29.8571, 21.0812




Details

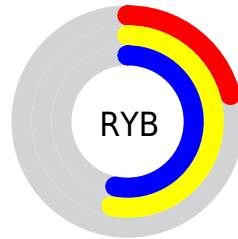
The CIELCh color **50, 54.897, 139.458** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **37, 54.382, 327.357**, and the grayscale version is **43, 0.006, 296.813**.




A 20% lighter version of the original color is **70, 55.098, 139.382**, and **30, 52.494, 136.727** is the 20% darker color. If you saturate the color by 10%, you get **49, 62.066, 138.363**, and if you desaturate by 10%, it is **51, 46.714, 140.539**.

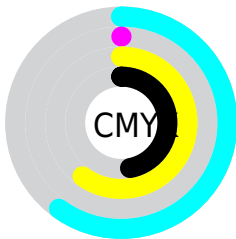
Distribution







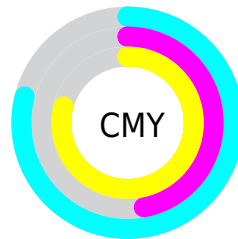
-  Red (21%)
-  Green (53%)
-  Blue (21%)






-  Red (21%)
-  Yellow (53%)
-  Blue (21%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (60%)
-  Black (47%)





-  Cyan (79%)
-  Magenta (47%)
-  Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 54.897, 139.458 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 50, 54.897, 139.458 by changing the saturation by 10% instead.


 50, 54.897,
139.458


 50, 54.897,
139.458

 100, 54.897,
139.458

 40, 54.897,
139.458

 70, 54.897,
139.458

 30, 54.897,
139.458

 80, 54.897,
139.458


 20, 54.897,
139.458

 90, 54.897,
139.458

 10, 54.897,
139.458

 0, 54.897, 139.458

 50, 54.897,
139.458

 50, 54.897,
139.458

■ 49, 62.066,
138.363

■ 51, 46.714,
140.539

■ 49, 67.860,
137.359

■ 52, 37.834,
141.540

■ 49, 71.945,
136.581

■ 53, 28.526,
142.433

■ 49, 74.707,
136.017

■ 54, 19.005,
143.212

■ 49, 74.721,
136.014

■ 55, 9.436, 143.889

■ 56, 0.053, 320.814

■ 58, 9.376, 324.900

■ 60, 18.473,
325.320

■ 61, 27.308,
325.672

Harmonies

Complementary

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



50, 54.897, 139.458



37, 54.382, 327.357

Rectangle

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



50, 54.897, 139.458



50, 54.897, 189.458



50, 54.897, 319.458



50, 54.897, 9.458

Sweetspot

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



50, 54.897, 139.458



69, 21.264, 143.323



54, 43.352, 104.002



36, 14.901, 143.137



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



50, 54.897, 139.458



63, 78.106, 137.979



51, 38.176, 156.366



27, 5.263, 143.943



47, 72.679, 136.014



1, 1.256, 144.436

Inverse Universe

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



37, 54.382, 327.357



45, 76.661, 327.794



35, 40.070, 349.242



26, 5.272, 324.894



30, 70.125, 328.223



0, 1.256, 324.432

Previews

White Background



This preview shows how the CIELCh color 50, 54.897, 139.458 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 50, 54.897, 139.458 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 50, 54.897, 139.458

Background



This preview shows how black text looks on a background with the CIELCh color 50, 54.897, 139.458.



This preview shows how white text looks on a background with the CIELCh color 50, 54.897, 139.458.

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

50, 54.897, 139.458

Protanopia

50, 39.222, 95.198

Deuteranopia

50, 33.912, 79.482



Tritanopia
50, 18.421, 216.419

Trichromacy



Original Color
50, 54.897, 139.458

Protanomaly
49, 41.477, 117.610

Deuteranomaly
49, 35.718, 112.112

Tritanomaly
50, 26.896, 166.604

Monochromacy



Original Color
50, 54.897, 139.458

Achromatopsia
43, 0.006, 296.813

Achromatomaly
45, 21.091, 142.839

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 54.897, 139.458 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(54, 135, 54)` looks like.

```
.text, #text, p{  
    color:rgb(54, 135, 54)  
}
```

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(54, 135, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 135, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 54.897, 139.458 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(54, 135, 54) }
```

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

```
.border{ border-color:rgb(54, 135, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 135, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 135, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 135, 54);  
box-shadow:4px 4px 4px 4px rgb(54, 135,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 54.897, 139.458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 135, 54) }
```

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

```
.background{ background-color: rgb(54, 135,  
54) }
```

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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