

Converting Colors

CIELCh(51, 53.116, 139.583)

Have a look what the booklet for
CIELCh(51, 53.116, 139.583)
contains.

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Color

CIELCh(51, 52.936, 139.553)

Conversions

Conversions Part 1

Format	Color
Hex	3C893B
RGB	60, 137, 59
RGB Percent	24%, 54%, 23%
CMY	0.7634, 0.4615, 0.7675
CMYK	0.56, 0.00, 0.57, 0.46
HSL	119°, 40%, 39%
HSV	119°, 57%, 54%
XYZ	11.6695, 19.2686, 7.2802
YIQ	105.0850, -20.8540, -40.5820

Conversions

Conversions Part 2

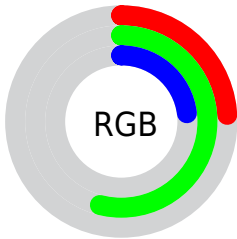
Format	Color
RYB	59, 137, 136
Decimal	3967291
CIELab	51.00, -40.28, 34.34
CIElCh	51, 52.936, 139.553
Yxy	19.2686, 0.3053, 0.5042
Android (android.graphics.Color)	4282157371 (0xFF3C893B)
YUV	105.0850, -22.7199, -39.5395
Hunter-Lab	43.8960, -29.3649, 20.8939

Details

The CIELCh color **51, 52.936, 139.553** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **38, 52.595, 326.841**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 52.727, 139.809**, and **31, 51.744, 137.997** is the 20% darker color. If you saturate the color by 10%, you get **50, 60.556, 138.490**, and if you desaturate by 10%, it is **52, 44.408, 140.585**.

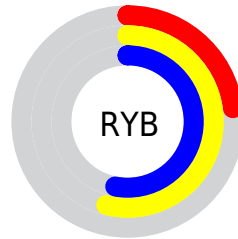
Distribution



Red (24%)

Green (54%)

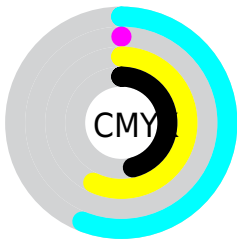
Blue (23%)



Red (23%)

Yellow (54%)

Blue (53%)

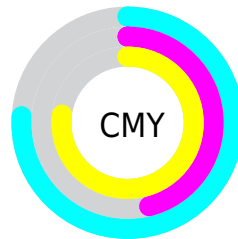


Cyan (56%)

Magenta (0%)

Yellow (57%)

Black (46%)



Cyan (76%)


Magenta (46%)


Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 52.936, 139.553 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, 52.936, 139.553 by changing the saturation by 10% instead.


 51, 52.936,
139.553


 51, 52.936,
139.553


 100, 52.936,
139.553


 41, 52.936,
139.553


 71, 52.936,
139.553

 31, 52.936,
139.553

 81, 52.936,
139.553

 21, 52.936,
139.553

 91, 52.936,
139.553

 11, 52.936,
139.553

 1, 52.936, 139.553

 0, 52.936, 139.553

■ 51, 52.936,
139.553

■ 51, 52.936,
139.553

■ 50, 60.556,
138.490

■ 52, 44.408,
140.585

■ 50, 66.911,
137.488

■ 53, 35.277,
141.531

■ 50, 71.639,
136.676

■ 54, 25.793,
142.371

■ 50, 74.648,
136.118

■ 55, 16.155,
143.103

■ 49, 75.513,
135.937

■ 56, 6.515, 143.744

■ 58, 3.015, 324.182

■ 59, 12.356,
324.683

■ 61, 21.459,
325.073

■ 63, 30.293,
325.403

Harmonies

Complementary

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



51, 52.936, 139.553



38, 52.595, 326.841

Rectangle

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



51, 52.936, 139.553



51, 52.936, 189.553



51, 52.936, 319.553



51, 52.936, 9.553

Sweetspot

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



51, 52.937, 139.553



70, 20.225, 143.065



55, 41.908, 104.248



36, 13.482, 142.949



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



51, 52.937, 139.553



64, 75.634, 138.213



52, 36.911, 156.812



28, 5.408, 143.600



48, 73.623, 135.934



1, 2.500, 144.089

Inverse Universe

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



38, 52.595, 326.841



46, 74.566, 327.261



37, 38.765, 348.761



27, 5.418, 324.542



31, 71.154, 327.719



0, 2.501, 324.084

Previews

White Background



This preview shows how the CIELCh color 51, 52.936, 139.553 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, 52.936, 139.553 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, 52.936, 139.553

Background



This preview shows how black text looks on a background with the CIELCh color 51, 52.936, 139.553.



This preview shows how white text looks on a background with the CIELCh color 51, 52.936, 139.553.

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, 52.936, 139.553

Protanopia

51, 38.070, 95.944

Deuteranopia

51, 33.059, 78.245



Tritanopia
51, 17.648, 217.292

Trichromacy



Original Color
51, 52.936, 139.553

Protanomaly
50, 40.442, 118.053

Deuteranomaly
50, 34.003, 111.125

Tritanomaly
51, 25.745, 166.878

Monochromacy



Original Color
51, 52.936, 139.553

Achromatopsia
44, 0.006, 296.813

Achromatomaly
46, 20.759, 142.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 52.936, 139.553 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(60, 137, 59)` looks like.

```
.text, #text, p{  
    color:rgb(60, 137, 59)  
}
```

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(60, 137, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 137, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 52.936, 139.553 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(60, 137, 59) }
```

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

```
.border{ border-color:rgb(60, 137, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 137, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 137, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 137, 59);  
box-shadow:4px 4px 4px 4px rgb(60, 137,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 52.936, 139.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 137, 59) }
```

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

```
.background{ background-color: rgb(60, 137,  
59) }
```

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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