

Converting Colors

CIELCh(53, 57.595, 139.450)

Have a look what the booklet for
CIELCh(53, 57.595, 139.450)
contains.

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Color

CIELCh(53, 57.595, 139.450)

Conversions

Conversions Part 1

Format	Color
Hex	3A903A
RGB	58, 144, 58
RGB Percent	23%, 56%, 23%
CMY	0.7739, 0.4365, 0.7736
CMYK	0.60, 0.00, 0.60, 0.44
HSL	120°, 43%, 39%
HSV	120°, 60%, 56%
XYZ	12.4090, 21.0462, 7.3740
YIQ	108.4820, -23.6500, -44.9780

Conversions

Conversions Part 2

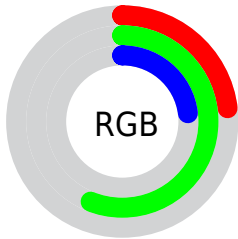
Format	Color
RYB	58, 144, 144
Decimal	3838010
CIELab	53.00, -43.76, 37.44
CIElCh	53, 57.595, 139.450
Yxy	21.0462, 0.3039, 0.5155
Android (android.graphics.Color)	4282028090 (0xFF3A903A)
YUV	108.4820, -24.8876, -44.2727
Hunter-Lab	45.8761, -32.0008, 22.5832

Details

The CIELCh color **53, 57.595, 139.450** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **39, 57.042, 327.395**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 57.781, 139.432**, and **33, 55.282, 137.183** is the 20% darker color. If you saturate the color by 10%, you get **52, 65.097, 138.348**, and if you desaturate by 10%, it is **54, 49.013, 140.539**.

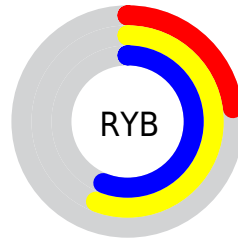
Distribution



Red (23%)

Green (56%)

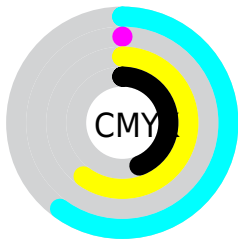
Blue (23%)



Red (23%)

Yellow (56%)

Blue (56%)

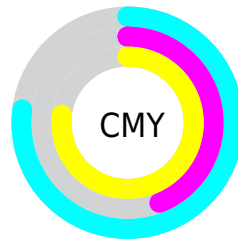


Cyan (60%)

Magenta (0%)

Yellow (60%)

Black (44%)



Cyan (77%)

Magenta (44%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 57.595, 139.450 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 53, 57.595, 139.450 by changing the saturation by 10% instead.

■ 53, 57.595,
139.450

■ 53, 57.595,
139.450

■ 100, 57.595,
139.450

■ 43, 57.595,
139.450

■ 73, 57.595,
139.450

■ 33, 57.595,
139.450

■ 83, 57.595,
139.450

■ 23, 57.595,
139.450

■ 93, 57.595,
139.450

■ 13, 57.595,
139.450

■ 3, 57.595, 139.450

■ 0, 57.595, 139.450

■ 53, 57.595,
139.450

■ 53, 57.595,
139.450

■ 52, 65.097,
138.348

■ 54, 49.013,
140.539

■ 52, 71.136,
137.340

■ 55, 39.688,
141.549

■ 52, 75.359,
136.564

■ 56, 29.907,
142.449

■ 52, 78.088,
136.030

■ 57, 19.899,
143.234

■ 52, 78.123,
136.023

■ 58, 9.841, 143.915

■ 60, 0.134, 322.955

■ 61, 9.932, 324.931

■ 63, 19.490,
325.352

■ 65, 28.771,
325.706

Harmonies

Complementary

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



53, 57.595, 139.450



39, 57.042, 327.395

Rectangle

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



53, 57.595, 139.450



53, 57.595, 189.450



53, 57.595, 319.450



53, 57.595, 9.450

Sweetspot

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



53, 57.595, 139.450



72, 22.254, 143.342



58, 46.131, 104.771



38, 15.596, 143.149



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



53, 57.595, 139.450



67, 81.645, 137.965



54, 39.481, 157.169



29, 5.597, 143.960



49, 74.716, 136.024



2, 3.765, 144.461

Inverse Universe

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



39, 57.042, 327.395



48, 80.106, 327.832



38, 41.714, 350.350



28, 5.606, 324.925



32, 72.066, 328.259



1, 3.766, 324.457

Previews

White Background



This preview shows how the CIELCh color 53, 57.595, 139.450 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 53, 57.595, 139.450 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 53, 57.595, 139.450

Background



This preview shows how black text looks on a background with the CIELCh color 53, 57.595, 139.450.



This preview shows how white text looks on a background with the CIELCh color 53, 57.595, 139.450.

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
53, 57.595, 139.450

Protanopia
53, 41.427, 95.777

Deuteranopia
53, 35.520, 79.363



Tritanopia
53, 19.290, 217.184

Trichromacy



Original Color
53, 57.595, 139.450

Protanomaly
52, 43.837, 117.937

Deuteranomaly
52, 37.563, 112.391

Tritanomaly
53, 28.109, 166.999

Monochromacy



Original Color
53, 57.595, 139.450

Achromatopsia
46, 0.006, 296.813

Achromatomaly
48, 22.307, 142.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 57.595, 139.450 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(58, 144, 58)` looks like.

```
.text, #text, p{  
    color:rgb(58, 144, 58)  
}
```

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(58, 144, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 144, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 57.595, 139.450 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(58, 144, 58) }
```

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

```
.border{ border-color:rgb(58, 144, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 144, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 144, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 144, 58);  
box-shadow:4px 4px 4px 4px rgb(58, 144,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 57.595, 139.450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 144, 58) }
```

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

```
.background{ background-color: rgb(58, 144,  
58) }
```

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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