

Converting Colors

CIELCh(54, 59.547, 138.516)

Have a look what the booklet for
CIELCh(54, 59.547, 138.516)
contains.

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Color

CIELCh(54, 59.701, 138.440)

Conversions

Conversions Part 1

Format	Color
Hex	3C9338
RGB	60, 147, 56
RGB Percent	24%, 58%, 22%
CMY	0.7664, 0.4251, 0.7818
CMYK	0.59, 0.00, 0.62, 0.43
HSL	117°, 45%, 40%
HSV	117°, 62%, 57%
XYZ	12.9149, 21.9746, 7.2556
YIQ	110.6130, -22.6410, -46.7450

Conversions

Conversions Part 2

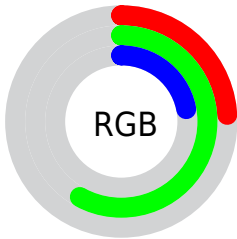
Format	Color
R_{YB}	56, 147, 143
Decimal	3969848
CIE _{Lab}	54.00, -44.67, 39.61
CIE _{LCh}	54, 59.701, 138.440
Yxy	21.9746, 0.3064, 0.5214
Android (android.graphics.Color)	4282159928 (0xFF3C9338)
YUV	110.6130, -26.9242, -44.3876
Hunter-Lab	46.8770, -32.8568, 23.6371

Details

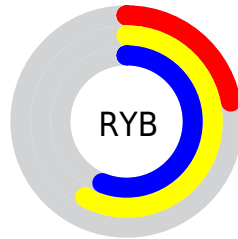
The CIELCh color $54, 59.701, 138.440$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $39, 59.342, 326.113$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $74, 59.956, 138.408$, and $34, 57.890, 136.202$ is the 20% darker color. If you saturate the color by 10%, you get $53, 67.074, 137.485$, and if you desaturate by 10%, it is $55, 51.201, 139.427$.

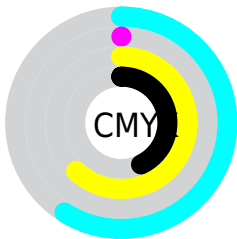
Distribution



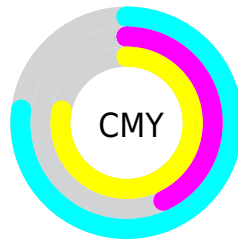
- Red (24%)
- Green (58%)
- Blue (22%)



- Red (22%)
- Yellow (58%)
- Blue (56%)



- Cyan (59%)
- Magenta (0%)
- Yellow (62%)
- Black (43%)





- Cyan (77%)
- Magenta (43%)
- Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 59.701, 138.440 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 54, 59.701, 138.440 by changing the saturation by 10% instead.


 54, 59.701,
138.440

 54, 59.701,
138.440


 100, 59.701,
138.440


 44, 59.701,
138.440


 74, 59.701,
138.440

 34, 59.701,
138.440

 84, 59.701,
138.440

 24, 59.701,
138.440

 94, 59.701,
138.440

 14, 59.701,
138.440

 4, 59.701, 138.440

 0, 59.701, 138.440

■ 54, 59.701,
138.440

■ 54, 59.701,
138.440

■ 53, 67.074,
137.485

■ 55, 51.201,
139.427

■ 53, 72.923,
136.676

■ 56, 41.925,
140.368

■ 53, 76.897,
136.142

■ 57, 32.164,
141.223

■ 53, 79.032,
135.779

■ 58, 22.150,
141.979

■ 59, 12.062,
142.638

■ 60, 2.033, 143.278

■ 62, 7.842, 323.632

■ 64, 17.497,
324.051

■ 66, 26.892,
324.399

Harmonies

Complementary

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



54, 59.701, 138.440



39, 59.342, 326.113

Rectangle

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



54, 59.701, 138.440



54, 59.701, 188.440



54, 59.701, 318.440



54, 59.701, 8.440

Sweetspot

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



54, 59.701, 138.441



74, 23.693, 142.163



58, 46.396, 102.125



39, 16.444, 141.981



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



54, 59.701, 138.441



68, 84.329, 137.179



54, 43.238, 154.361



31, 5.685, 142.811



50, 75.486, 135.761



2, 4.953, 143.287

Inverse Universe

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



39, 59.342, 326.113



47, 83.062, 326.444



38, 44.769, 347.571



29, 5.698, 323.728



31, 73.243, 326.576



1, 4.954, 323.282

Previews

White Background



This preview shows how the CIE LCh color 54, 59.701, 138.440 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 54, 59.701, 138.440 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 54, 59.701, 138.440

Background



This preview shows how black text looks on a background with the CIELCh color 54, 59.701, 138.440.



This preview shows how white text looks on a background with the CIELCh color 54, 59.701, 138.440.

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

54, 59.701, 138.440

Protanopia

54, 43.347, 95.377

Deuteranopia

54, 37.841, 79.276



Tritanopia
54, 19.295, 217.137

Trichromacy



Original Color
54, 59.701, 138.440

Protanomaly
53, 46.054, 117.112

Deuteranomaly
53, 39.447, 111.218

Tritanomaly
53, 28.793, 165.194

Monochromacy



Original Color
54, 59.701, 138.440

Achromatopsia
46, 0.006, 296.813

Achromatomaly
48, 23.214, 141.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 59.701, 138.440 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, 147, 56)` looks like.

```
.text, #text, p{  
    color:rgb(60, 147, 56)  
}
```

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, 147, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 147, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 59.701, 138.440 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, 147, 56) }
```

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

```
.border{ border-color:rgb(60, 147, 56) }
```

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

Here you see how a box with a 4 pixel rgb(60, 147, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 147, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 147, 56);  
box-shadow:4px 4px 4px 4px rgb(60, 147,  
56) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 59.701, 138.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 147, 56) }
```

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

```
.background{ background-color: rgb(60, 147,  
56) }
```

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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