

Converting Colors

CIELCh(54, 67.410, 92.831)

Have a look what the booklet for
CIELCh(54, 67.410, 92.831) contains.

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Color

CIELCh(54, 59.180, 92.543)

Conversions

Conversions Part 1

Format	Color
Hex	968000
RGB	150, 128, 0
RGB Percent	59%, 50%, 0%
CMY	0.4111, 0.4975, 0.9990
CMYK	0.00, 0.15, 1.00, 0.41
HSL	51°, 100%, 29%
HSV	51°, 100%, 59%
XYZ	20.3456, 21.9746, 3.1764
YIQ	119.9860, 54.2000, -35.1440

Conversions

Conversions Part 2

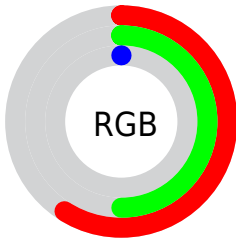
Format	Color
R_{YB}	26, 150, 0
Decimal	9863168
CIE Lab	54.00, -2.63, 59.12
CIE LCh	54, 59.180, 92.543
Yxy	21.9746, 0.4472, 0.4830
Android (android.graphics.Color)	4288053248 (0xFF968000)
YUV	119.9860, -59.1531, 26.3223
Hunter-Lab	46.8770, -4.5621, 28.7964

Details

The CIELCh color **54, 59.180, 92.543** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **19, 81.891, 303.580**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 59.077, 92.311**, and **34, 42.363, 91.436** is the 20% darker color. If you saturate the color by 10%, you get **54, 59.218, 92.527**, and if you desaturate by 10%, it is **55, 56.964, 93.609**.

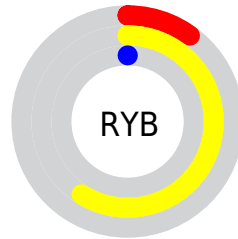
Distribution



Red (59%)

Green (50%)

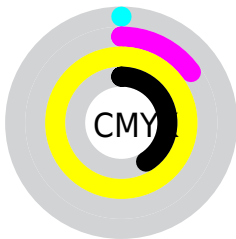
Blue (0%)



Red (10%)

Yellow (59%)

Blue (0%)

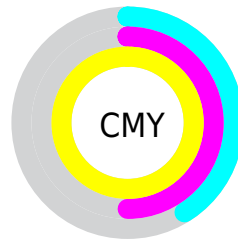


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (41%)



Cyan (41%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 59.180, 92.543 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, 59.180, 92.543 by changing the saturation by 10% instead.

 54, 59.180, 92.543

 54, 59.180, 92.543

 100, 59.180,
92.543

 44, 59.180, 92.543

 74, 59.180, 92.543

 34, 59.180, 92.543

 84, 59.180, 92.543

 24, 59.180, 92.543

 94, 59.180, 92.543

 14, 59.180, 92.543

 4, 59.180, 92.543

 0, 59.180, 92.543

 54, 59.180, 92.543

 54, 59.180, 92.543

 54, 59.218, 92.527

 55, 56.964, 93.609

 55, 53.400, 94.673

■ 56, 48.374, 95.746

■ 57, 42.352, 96.840

■ 58, 35.718, 97.951

■ 58, 28.739, 99.071

■ 59, 21.581,
100.188

■ 60, 14.347,
101.291

■ 61, 7.097, 102.367

Harmonies

Complementary

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



54, 59.180, 92.543



19, 81.891, 303.580

Rectangle

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



54, 59.180, 92.543



54, 59.180, 142.543



54, 59.180, 272.543



54, 59.180, 322.543

Sweetspot

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



54, 59.179, 92.545



76, 27.008, 100.100



31, 64.042, 31.981



40, 18.558, 99.667



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



54, 59.179, 92.545



69, 72.088, 92.288



57, 69.768, 121.941



31, 4.029, 102.434



50, 55.631, 92.617



2, 3.528, 103.416

Inverse Universe

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



19, 81.891, 303.580



26, 101.505, 304.047



20, 86.429, 309.196



29, 4.087, 284.457



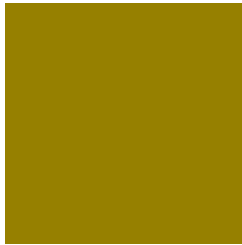
17, 76.532, 303.436



0, 3.528, 283.419

Previews

White Background



This preview shows how the CIE LCh color 54, 59.180, 92.543 looks on a white background.

Color Contrast Check

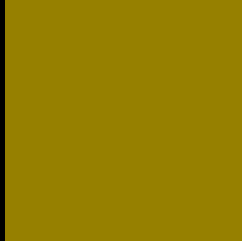
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 59.180, 92.543 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, 59.180, 92.543

Background



This preview shows how black text looks on a background with the CIELCh color 54, 59.180, 92.543.

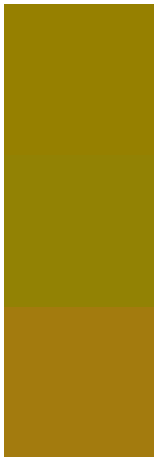


This preview shows how white text looks on a background with the CIELCh color 54, 59.180, 92.543.

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, 59.180, 92.543

Protanopia

54, 58.602, 95.421

Deuteranopia

54, 57.569, 83.555



Tritanopia
54, 16.312, 2.981

Trichromacy



Original Color
54, 59.180, 92.543

Protanomaly
54, 58.685, 93.973

Deuteranomaly
54, 57.973, 87.099

Tritanomaly
53, 27.763, 74.383

Monochromacy



Original Color
54, 59.180, 92.543

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 27.108, 98.968

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 59.180, 92.543 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(150, 128, 0)` looks like.

```
.text, #text, p{  
    color:rgb(150, 128, 0)  
}
```

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(150, 128, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 128, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 59.180, 92.543 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(150, 128, 0) }
```

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

```
.border{ border-color:rgb(150, 128, 0) }
```

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

Here you see how a box with a 4 pixel rgb(150, 128, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 128, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 128, 0);  
box-shadow:4px 4px 4px 4px rgb(150, 128,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 59.180, 92.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 128, 0) }
```

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

```
.background{ background-color: rgb(150,  
128, 0) }
```

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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