

Converting Colors

CIELCh(54, 58.804, 109.421)

Have a look what the booklet for
CIELCh(54, 58.804, 109.421)
contains.

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Color

CIELCh(54, 58.897, 109.489)

Conversions

Conversions Part 1

Format	Color
Hex	7B890E
RGB	123, 137, 14
RGB Percent	48%, 54%, 5%
CMY	0.5195, 0.4645, 0.9441
CMYK	0.10, 0.00, 0.90, 0.46
HSL	67°, 81%, 30%
HSV	67°, 90%, 54%
XYZ	17.0655, 21.9746, 3.7667
YIQ	118.7920, 31.1390, -41.2210

Conversions

Conversions Part 2

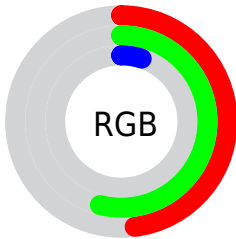
Format	Color
R_{YB}	14, 137, 28
Decimal	8096014
CIE Lab	54.00, -19.65, 55.52
CIE LCh	54, 58.897, 109.489
Yxy	21.9746, 0.3987, 0.5133
Android (android.graphics.Color)	4286286094 (0xFF7B890E)
YUV	118.7920, -51.6625, 3.6904
Hunter-Lab	46.8770, -17.0520, 28.0499

Details

The CIELCh color **54, 58.897, 109.489** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **17, 77.574, 305.855**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 58.901, 109.200**, and **34, 45.232, 113.655** is the 20% darker color. If you saturate the color by 10%, you get **54, 61.349, 109.662**, and if you desaturate by 10%, it is **54, 55.290, 109.532**.

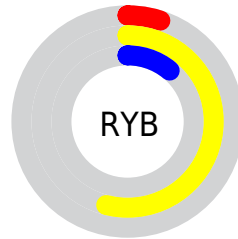
Distribution



Red (48%)

Green (54%)

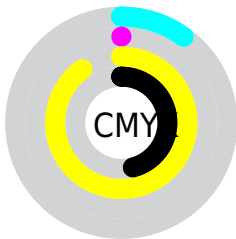
Blue (5%)



Red (5%)

Yellow (54%)

Blue (11%)

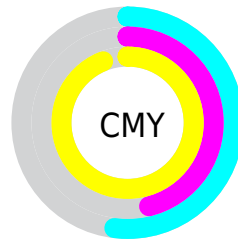


Cyan (10%)

Magenta (0%)

Yellow (90%)

Black (46%)



Cyan (52%)

Magenta (46%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 58.897, 109.489 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, 58.897, 109.489 by changing the saturation by 10% instead.

 54, 58.897,
109.489

 54, 58.897,
109.489

 100, 58.897,
109.489

 44, 58.897,
109.489

 74, 58.897,
109.489

 34, 58.897,
109.489

 84, 58.897,
109.489

 24, 58.897,
109.489

 94, 58.897,
109.489

 14, 58.897,
109.489

 4, 58.897, 109.489

 0, 58.897, 109.489

■ 54, 58.897,
109.489

■ 54, 58.897,
109.489

■ 54, 61.349,
109.662

■ 54, 55.290,
109.532

■ 54, 61.458,
109.669

■ 54, 50.309,
109.831

■ 55, 44.290,
110.324

■ 55, 37.557,
110.949

■ 55, 30.359,
111.657

■ 56, 22.871,
112.411

■ 56, 15.208,
113.183

■ 56, 7.449, 113.955

Harmonies

Complementary

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



54, 58.897, 109.489



17, 77.574, 305.855

Rectangle

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



54, 58.897, 109.489



54, 58.897, 159.489



54, 58.897, 289.489



54, 58.897, 339.489

Sweetspot

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



54, 58.897, 109.491



71, 26.031, 112.561



30, 57.742, 38.925



37, 17.441, 112.339



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



54, 58.897, 109.491



69, 74.835, 109.817



51, 66.793, 129.954



29, 4.429, 113.985



52, 60.159, 109.651



1, 2.065, 114.681

Inverse Universe

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



17, 77.574, 305.855



22, 101.716, 306.698



24, 72.520, 315.090



26, 4.521, 295.421



14, 81.649, 306.818



0, 2.065, 294.681

Previews

White Background



This preview shows how the CIELCh color 54, 58.897, 109.489 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, 58.897, 109.489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

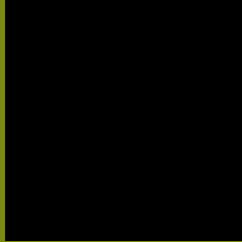
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 58.897, 109.489

Background



This preview shows how black text looks on a background with the CIELCh color 54, 58.897, 109.489.



This preview shows how white text looks on a background with the CIELCh color 54, 58.897, 109.489.

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, 59.099, 109.446

Protanopia

54, 57.038, 95.362

Deuteranopia

54, 54.295, 82.249



Tritanopia
54, 6.256, 312.758

Trichromacy



Original Color
54, 59.099, 109.446

Protanomaly
54, 57.370, 100.725

Deuteranomaly
54, 54.212, 92.702

Tritanomaly
53, 21.643, 108.612

Monochromacy



Original Color
54, 59.099, 109.446

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 25.785, 111.787

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 58.897, 109.489 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(123, 137, 14)` looks like.

```
.text, #text, p{  
    color:rgb(123, 137, 14)  
}
```

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(123, 137, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 137, 14) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 58.897, 109.489 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(123, 137, 14) }
```

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

```
.border{ border-color:rgb(123, 137, 14) }
```

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

Here you see how a box with a 4 pixel rgb(123, 137, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 137, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 137, 14);  
box-shadow:4px 4px 4px 4px rgb(123, 137,  
14) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 58.897, 109.489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 137, 14) }
```

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

```
.background{ background-color: rgb(123,  
137, 14) }
```

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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