

Converting Colors

CIELCh(54, 61.554, 110.738)

Have a look what the booklet for
CIELCh(54, 61.554, 110.738)
contains.

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Color

CIELCh(54, 61.417, 110.709)

Conversions

Conversions Part 1

Format	Color
Hex	778903
RGB	119, 137, 3
RGB Percent	47%, 54%, 1%
CMY	0.5316, 0.4610, 0.9889
CMYK	0.13, 0.00, 0.98, 0.46
HSL	68°, 96%, 28%
HSV	68°, 98%, 54%
XYZ	16.6928, 21.9746, 3.4424
YIQ	116.3420, 32.2860, -45.4900

Conversions

Conversions Part 2

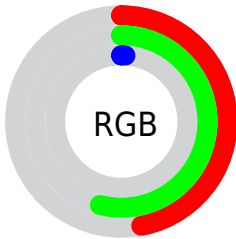
Format	Color
R_{YB}	3, 137, 21
Decimal	7833859
CIE Lab	54.00, -21.72, 57.45
CIE LCh	54, 61.417, 110.709
Yxy	21.9746, 0.3964, 0.5218
Android (android.graphics.Color)	4286023939 (0xFF778903)
YUV	116.3420, -55.8776, 2.3311
Hunter-Lab	46.8770, -18.4714, 28.4599

Details

The CIELCh color **54, 61.417, 110.709** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **16, 82.494, 306.708**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 61.143, 110.463**, and **34, 45.694, 115.986** is the 20% darker color. If you saturate the color by 10%, you get **54, 61.924, 110.757**, and if you desaturate by 10%, it is **54, 58.851, 110.484**.

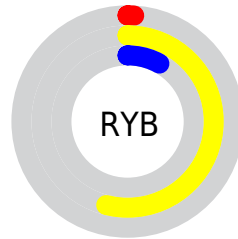
Distribution



Red (47%)

Green (54%)

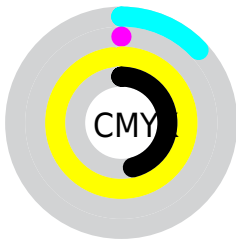
Blue (1%)



Red (1%)

Yellow (54%)

Blue (8%)

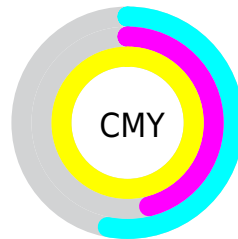


Cyan (13%)

Magenta (0%)

Yellow (98%)

Black (46%)



Cyan (53%)


Magenta (46%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 61.417, 110.709 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, 61.417, 110.709 by changing the saturation by 10% instead.


 54, 61.417,
110.709

 54, 61.417,
110.709


 100, 61.417,
110.709


 44, 61.417,
110.709


 74, 61.417,
110.709

 34, 61.417,
110.709

 84, 61.417,
110.709

 24, 61.417,
110.709

 94, 61.417,
110.709

 14, 61.417,
110.709

 4, 61.417, 110.709

 0, 61.417, 110.709

■ 54, 61.417,
110.709

■ 54, 61.417,
110.709

■ 54, 61.924,
110.757

■ 54, 58.851,
110.484

■ 54, 54.965,
110.518

■ 55, 49.748,
110.813

■ 55, 43.547,
111.299

■ 55, 36.675,
111.913

■ 56, 29.369,
112.605

■ 56, 21.793,
113.339

■ 56, 14.058,

114.089

■ 57, 6.237, 114.834

Harmonies

Complementary

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



54, 61.417, 110.709



16, 82.494, 306.708

Rectangle

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



54, 61.417, 110.709



54, 61.417, 160.709



54, 61.417, 290.709



54, 61.417, 340.709

Sweetspot

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



54, 61.417, 110.711



71, 27.966, 113.214



29, 62.007, 41.208



37, 19.065, 112.941



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, 61.417, 110.711



69, 75.062, 110.923



50, 70.695, 131.334



29, 4.435, 114.745



52, 60.333, 110.731



1, 2.067, 115.417

Inverse Universe

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



16, 82.494, 306.708



22, 101.552, 306.801



24, 75.690, 315.673



27, 4.526, 296.132



14, 81.503, 306.933



0, 2.068, 295.418

Previews

White Background



This preview shows how the CIELCh color 54, 61.417, 110.709 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, 61.417, 110.709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

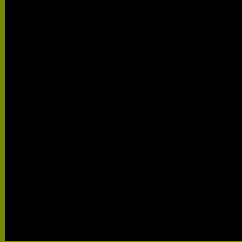
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 61.417, 110.709

Background



This preview shows how black text looks on a background with the CIELCh color 54, 61.417, 110.709.



This preview shows how white text looks on a background with the CIELCh color 54, 61.417, 110.709.

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, 61.247, 110.748

Protanopia

54, 59.071, 94.908

Deuteranopia

54, 54.901, 82.398



Tritanopia
54, 5.835, 298.483

Trichromacy



Original Color
54, 61.247, 110.748

Protanomaly
54, 59.284, 101.033

Deuteranomaly
54, 55.909, 93.833

Tritanomaly
53, 23.948, 112.417

Monochromacy



Original Color
54, 61.247, 110.748

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 28.052, 112.030

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 61.417, 110.709 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(119, 137, 3)` looks like.

```
.text, #text, p{  
    color:rgb(119, 137, 3)  
}
```

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(119, 137, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 137, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 61.417, 110.709 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(119, 137, 3) }
```

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

```
.border{ border-color:rgb(119, 137, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 137, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 137, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 137, 3);  
box-shadow:4px 4px 4px 4px rgb(119, 137,  
3) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 61.417, 110.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 137, 3) }
```

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

```
.background{ background-color: rgb(119,  
137, 3) }
```

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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