

Converting Colors

CIELCh(54, 50.095, 113.950)

Have a look what the booklet for
CIELCh(54, 50.095, 113.950)
contains.

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Color

CIELCh(54, 50.057, 114.168)

Conversions

Conversions Part 1

Format	Color
Hex	76892C
RGB	118, 137, 44
RGB Percent	46%, 54%, 17%
CMY	0.5367, 0.4622, 0.8269
CMYK	0.14, 0.00, 0.68, 0.46
HSL	72°, 51%, 36%
HSV	72°, 68%, 54%
XYZ	16.9127, 21.9746, 5.7465
YIQ	120.7170, 18.5290, -32.9510

Conversions

Conversions Part 2

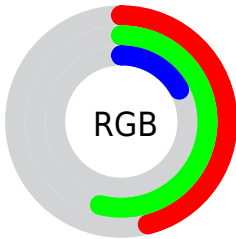
Format	Color
R_{YB}	44, 137, 63
Decimal	7768364
CIE Lab	54.00, -20.49, 45.67
CIE LCh	54, 50.057, 114.168
Yxy	21.9746, 0.3789, 0.4923
Android (android.graphics.Color)	4285958444 (0xFF76892C)
YUV	120.7170, -37.8215, -2.3828
Hunter-Lab	46.8770, -17.6339, 25.5457

Details

The CIELCh color $54, 50.057, 114.168$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $26, 59.805, 304.807$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 49.871, 114.220$, and $34, 45.694, 115.986$ is the 20% darker color. If you saturate the color by 10%, you get $54, 55.388, 114.004$, and if you desaturate by 10%, it is $54, 43.764, 114.552$.

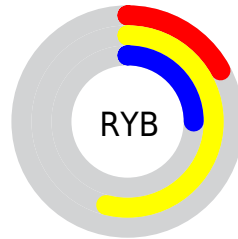
Distribution



Red (46%)

Green (54%)

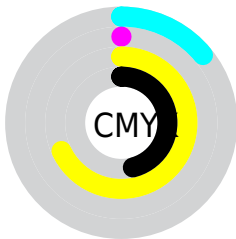
Blue (17%)



Red (17%)

Yellow (54%)

Blue (25%)

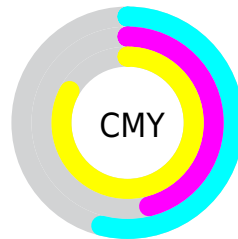


Cyan (14%)

Magenta (0%)

Yellow (68%)

Black (46%)



Cyan (54%)

Magenta (46%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 50.057, 114.168 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, 50.057, 114.168 by changing the saturation by 10% instead.


 54, 50.057,
114.168

 54, 50.057,
114.168

 100, 50.057,
114.168

 44, 50.057,
114.168


 74, 50.057,
114.168

 34, 50.057,
114.168

 84, 50.057,
114.168

 24, 50.057,
114.168

 94, 50.057,
114.168

 14, 50.057,
114.168

 4, 50.057, 114.168

 0, 50.057, 114.168

■ 54, 50.057,
114.168

■ 54, 50.057,
114.168

■ 54, 55.388,
114.004

■ 54, 43.764,
114.552

■ 53, 59.414,
114.139

■ 55, 36.815,
115.075

■ 53, 62.130,
114.579

■ 55, 29.444,
115.681

■ 53, 62.703,
114.673

■ 56, 21.812,
116.330

■ 56, 14.027,
116.995

■ 57, 6.162, 117.656

■ 57, 1.734, 298.292

■ 58, 9.626, 298.915

■ 59, 17.488,
299.503

Harmonies

Complementary

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



54, 50.057, 114.168



26, 59.805, 304.807

Rectangle

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



54, 50.057, 114.168



54, 50.057, 164.168



54, 50.057, 294.168



54, 50.057, 344.168

Sweetspot

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



54, 50.058, 114.170



71, 19.514, 116.820



36, 40.100, 40.969



37, 13.250, 116.659



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, 50.058, 114.170



68, 69.859, 114.028



51, 56.858, 132.476



29, 4.465, 117.568



51, 61.182, 114.638



1, 2.080, 118.158

Inverse Universe

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



26, 59.805, 304.807



28, 87.928, 306.394



32, 59.336, 318.208



27, 4.552, 298.781



15, 80.833, 307.490



0, 2.081, 298.157

Previews

White Background



This preview shows how the CIELCh color 54, 50.057, 114.168 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, 50.057, 114.168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

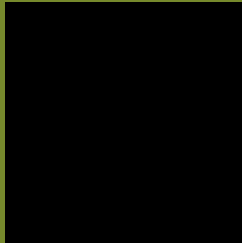
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 50.057, 114.168

Background



This preview shows how black text looks on a background with the CIELCh color 54, 50.057, 114.168.



This preview shows how white text looks on a background with the CIELCh color 54, 50.057, 114.168.

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, 50.057, 114.168

Protanopia

54, 47.314, 95.652

Deuteranopia

54, 45.038, 80.501



Tritanopia
54, 5.773, 290.893

Trichromacy



Original Color
54, 50.057, 114.168

Protanomaly
54, 47.566, 102.572

Deuteranomaly
54, 44.897, 94.276

Tritanomaly
54, 15.732, 119.039

Monochromacy



Original Color
54, 50.057, 114.168

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 19.731, 116.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 50.057, 114.168 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(118, 137, 44)` looks like.

```
.text, #text, p{  
    color:rgb(118, 137, 44)  
}
```

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(118, 137, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 137, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 50.057, 114.168 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(118, 137, 44) }
```

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

```
.border{ border-color:rgb(118, 137, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 137, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 137, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 137, 44);  
box-shadow:4px 4px 4px 4px rgb(118, 137,  
44) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 50.057, 114.168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 137, 44) }
```

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

```
.background{ background-color: rgb(118,  
137, 44) }
```

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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