

Converting Colors

CIELCh(54, 46.983, 119.904)

Have a look what the booklet for
CIELCh(54, 46.983, 119.904)
contains.

CIELCh(54, 47.110, 120.053)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 47.110, 120.053)

Conversions

Conversions Part 1

Format	Color
Hex	6F8B37
RGB	111, 139, 55
RGB Percent	44%, 55%, 22%
CMY	0.5663, 0.4565, 0.7858
CMYK	0.20, 0.00, 0.61, 0.46
HSL	80°, 43%, 38%
HSV	80°, 61%, 54%
XYZ	16.3598, 21.9746, 6.9458
YIQ	121.0520, 10.2760, -32.0600

Conversions

Conversions Part 2

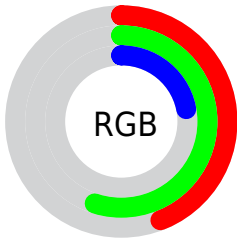
Format	Color
RYB	55, 139, 83
Decimal	7310135
CIELab	54.00, -23.59, 40.78
CIELCh	54, 47.110, 120.053
Yxy	21.9746, 0.3613, 0.4853
Android (android.graphics.Color)	4285500215 (0xFF6F8B37)
YUV	121.0520, -32.5636, -8.8156
Hunter-Lab	46.8770, -19.7393, 24.0289

Details

The CIELCh color $54, 47.110, 120.053$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $30, 53.550, 307.308$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 47.359, 119.967$, and $34, 47.159, 120.170$ is the 20% darker color. If you saturate the color by 10%, you get $54, 53.467, 119.866$, and if you desaturate by 10%, it is $54, 40.035, 120.422$.

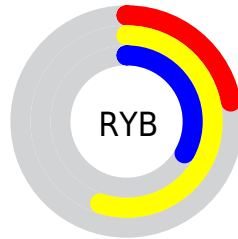
Distribution



Red (44%)

Green (55%)

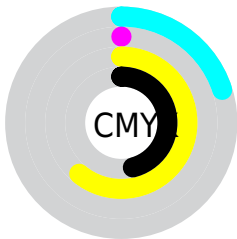
Blue (22%)



Red (22%)

Yellow (55%)

Blue (33%)

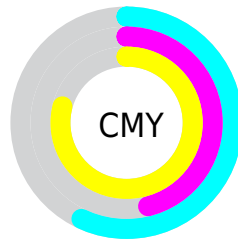


Cyan (20%)

Magenta (0%)

Yellow (61%)

Black (46%)



Cyan (57%)


Magenta (46%)


Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 47.110, 120.053 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, 47.110, 120.053 by changing the saturation by 10% instead.


 54, 47.110,
120.053


 54, 47.110,
120.053


 100, 47.110,
120.053


 44, 47.110,
120.053


 74, 47.110,
120.053

 34, 47.110,
120.053


 84, 47.110,
120.053

 24, 47.110,
120.053

 94, 47.110,
120.053

 14, 47.110,
120.053

 4, 47.110, 120.053

 0, 47.110, 120.053

■ 54, 47.110,
120.053

■ 54, 47.110,
120.053

■ 54, 53.467,
119.866

■ 54, 40.035,
120.422

■ 53, 58.780,
119.953

■ 55, 32.491,
120.893

■ 53, 62.721,
120.421

■ 56, 24.659,
121.418

■ 53, 65.471,
121.103

■ 56, 16.661,
121.962

■ 57, 8.579, 122.505

■ 58, 0.472, 123.120

■ 58, 7.619, 303.514

■ 59, 15.666,
303.985

■ 60, 23.646,
304.422

Harmonies

Complementary

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



54, 47.110, 120.053



30, 53.550, 307.308

Rectangle

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



54, 47.110, 120.053



54, 47.110, 170.053



54, 47.110, 300.053



54, 47.110, 350.053

Sweetspot

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



54, 47.111, 120.055



72, 18.121, 122.082



41, 33.211, 51.954



38, 12.684, 121.939



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



54, 47.111, 120.055



68, 67.837, 119.862



52, 54.128, 136.092



29, 4.546, 122.583



50, 63.376, 121.040



1, 2.116, 123.052

Inverse Universe

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



30, 53.550, 307.308



34, 80.064, 308.324



36, 54.864, 322.212



27, 4.624, 303.542



17, 79.171, 309.058



0, 2.116, 303.051

Previews

White Background



This preview shows how the CIELCh color 54, 47.110, 120.053 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, 47.110, 120.053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

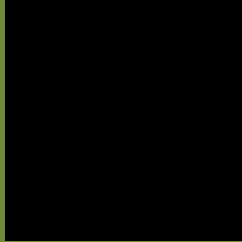
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 47.110, 120.053

Background



This preview shows how black text looks on a background with the CIELCh color 54, 47.110, 120.053.



This preview shows how white text looks on a background with the CIELCh color 54, 47.110, 120.053.

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, 47.110, 120.053

Protanopia
54, 42.776, 96.010

Deuteranopia
54, 40.187, 80.517



Tritanopia
54, 6.621, 260.047

Trichromacy



Original Color
54, 47.110, 120.053

Protanomaly
54, 43.069, 105.423

Deuteranomaly
54, 40.225, 97.149

Tritanomaly
54, 15.285, 133.908

Monochromacy



Original Color
54, 47.110, 120.053

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 17.777, 121.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 47.110, 120.053 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(111, 139, 55)` looks like.

```
.text, #text, p{  
    color:rgb(111, 139, 55)  
}
```

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(111, 139, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 139, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 47.110, 120.053 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(111, 139, 55) }
```

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

```
.border{ border-color:rgb(111, 139, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 139, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 139, 55); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 139, 55); box-shadow:4px 4px 4px 4px rgb(111, 139, 55) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 47.110, 120.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 139, 55) }
```

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

```
.background{ background-color: rgb(111,  
139, 55) }
```

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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