

Converting Colors

CIELCh(54, 40.767, 117.508)

Have a look what the booklet for
CIELCh(54, 40.767, 117.508)
contains.

CIELCh(54, 41.113, 117.818)	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, 41.113, 117.818)

Conversions

Conversions Part 1

Format	Color
Hex	758940
RGB	117, 137, 64
RGB Percent	46%, 54%, 25%
CMY	0.5419, 0.4635, 0.7497
CMYK	0.15, 0.00, 0.53, 0.46
HSL	76°, 36%, 39%
HSV	76°, 53%, 54%
XYZ	17.1498, 21.9746, 8.1618
YIQ	122.6980, 11.5130, -26.9430

Conversions

Conversions Part 2

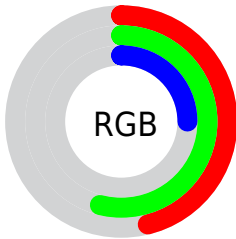
Format	Color
RYB	64, 137, 84
Decimal	7702848
CIELab	54.00, -19.19, 36.36
CIELCh	54, 41.113, 117.818
Yxy	21.9746, 0.3627, 0.4647
Android (android.graphics.Color)	4285892928 (0xFF758940)
YUV	122.6980, -28.9381, -4.9971
Hunter-Lab	46.8770, -16.7311, 22.4909

Details

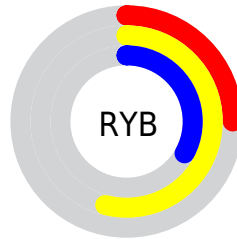
The CIELCh color $54, 41.113, 117.818$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $33, 46.322, 305.008$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 40.783, 117.428$, and $34, 41.105, 118.073$ is the 20% darker color. If you saturate the color by 10%, you get $54, 47.836, 117.445$, and if you desaturate by 10%, it is $54, 33.862, 118.314$.

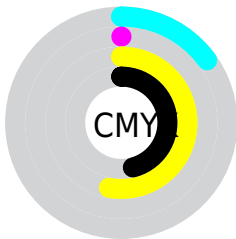
Distribution



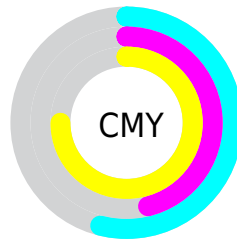
- Red (46%)
- Green (54%)
- Blue (25%)



- Red (25%)
- Yellow (54%)
- Blue (33%)



- Cyan (15%)
- Magenta (0%)
- Yellow (53%)
- Black (46%)




- Cyan (54%)
- Magenta (46%)
- Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 41.113, 117.818 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, 41.113, 117.818 by changing the saturation by 10% instead.


 54, 41.113,
117.818


 54, 41.113,
117.818


 100, 41.113,
117.818


 44, 41.113,
117.818


 74, 41.113,
117.818


 34, 41.113,
117.818


 84, 41.113,
117.818

 24, 41.113,
117.818

 94, 41.113,
117.818

 14, 41.113,
117.818

 4, 41.113, 117.818

 0, 41.113, 117.818

■ 54, 41.113,
117.818

■ 54, 41.113,
117.818

■ 54, 47.836,
117.445

■ 54, 33.862,
118.314

■ 53, 53.756,
117.264

■ 55, 26.277,
118.874

■ 53, 58.542,
117.372

■ 56, 18.491,
119.463

■ 53, 61.894,
117.861

■ 56, 10.597,
120.056

■ 52, 63.724,
118.267

■ 57, 2.655, 120.645

■ 57, 5.291, 301.186

■ 58, 13.210,
301.719

■ 59, 21.081,
302.219

■ 60, 28.886,
302.685

Harmonies

Complementary

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



54, 41.113, 117.818



33, 46.322, 305.008

Rectangle

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



54, 41.113, 117.818



54, 41.113, 167.818



54, 41.113, 297.818



54, 41.113, 347.818

Sweetspot

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



54, 41.114, 117.820



71, 15.775, 119.878



41, 28.904, 45.882



37, 10.605, 119.775



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, 41.114, 117.820



68, 59.731, 117.389



52, 46.855, 134.931



29, 4.504, 120.303



51, 62.282, 118.228



1, 2.098, 120.822

Inverse Universe

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



33, 46.322, 305.008



37, 69.744, 306.181



37, 48.042, 319.941



27, 4.587, 301.368



16, 79.995, 308.245



0, 2.098, 300.822

Previews

White Background



This preview shows how the CIELCh color 54, 41.113, 117.818 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, 41.113, 117.818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

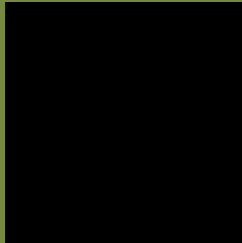
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 41.113, 117.818

Background



This preview shows how black text looks on a background with the CIELCh color 54, 41.113, 117.818.



This preview shows how white text looks on a background with the CIELCh color 54, 41.113, 117.818.

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](#).

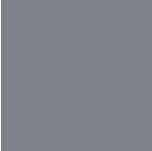
Dichromacy



Original Color
54, 41.113, 117.818

Protanopia
54, 38.414, 95.650

Deuteranopia
54, 36.098, 79.144



Tritanopia
54, 5.859, 279.618

Trichromacy



Original Color
54, 41.113, 117.818

Protanomaly
54, 38.700, 104.671

Deuteranomaly
54, 35.503, 94.499

Tritanomaly
54, 12.064, 126.625

Monochromacy



Original Color
54, 41.113, 117.818

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 15.796, 119.012

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 41.113, 117.818 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(117, 137, 64)` looks like.

```
.text, #text, p{  
    color:rgb(117, 137, 64)  
}
```

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(117, 137, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 137, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 41.113, 117.818 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(117, 137, 64) }
```

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

```
.border{ border-color:rgb(117, 137, 64) }
```

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

Here you see how a box with a 4 pixel rgb(117, 137, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 137, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 137, 64);  
box-shadow:4px 4px 4px 4px rgb(117, 137,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 41.113, 117.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 137, 64) }
```

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

```
.background{ background-color: rgb(117,  
137, 64) }
```

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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