

Converting Colors

CIELCh(59, 54.904, 120.121)

Have a look what the booklet for
CIELCh(59, 54.904, 120.121)
contains.

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Color

CIELCh(59, 54.885, 120.047)

Conversions

Conversions Part 1

Format	Color
Hex	779934
RGB	119, 153, 52
RGB Percent	47%, 60%, 20%
CMY	0.5326, 0.3993, 0.7954
CMYK	0.22, 0.00, 0.66, 0.40
HSL	80°, 49%, 40%
HSV	80°, 66%, 60%
XYZ	19.6788, 27.0277, 7.4498
YIQ	131.3200, 12.1570, -38.6190

Conversions

Conversions Part 2

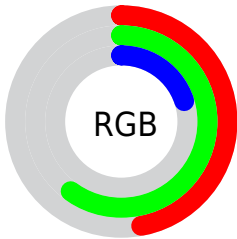
Format	Color
RYB	52, 153, 86
Decimal	7838004
CIELab	59.00, -27.48, 47.51
CIELCh	59, 54.885, 120.047
Yxy	27.0277, 0.3634, 0.4991
Android (android.graphics.Color)	4286028084 (0xFF779934)
YUV	131.3200, -39.1048, -10.8046
Hunter-Lab	51.9882, -23.4129, 27.8956

Details

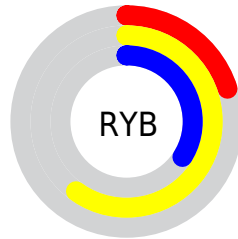
The CIELCh color $59, 54.885, 120.047$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $31, 63.331, 307.848$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 54.404, 119.853$, and $39, 52.555, 121.044$ is the 20% darker color. If you saturate the color by 10%, you get $59, 61.161, 120.014$, and if you desaturate by 10%, it is $59, 47.620, 120.321$.

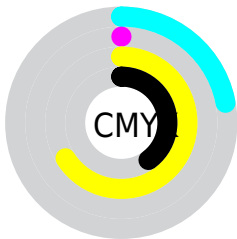
Distribution



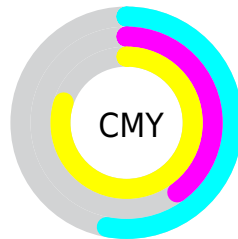
- Red (47%)
- Green (60%)
- Blue (20%)



- Red (20%)
- Yellow (60%)
- Blue (34%)



- Cyan (22%)
- Magenta (0%)
- Yellow (66%)
- Black (40%)



- Cyan (53%)
- Magenta (40%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 54.885, 120.047 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 59, 54.885, 120.047 by changing the saturation by 10% instead.

 59, 54.885,
120.047

 59, 54.885,
120.047

 100, 54.885,
120.047

 49, 54.885,
120.047

 79, 54.885,
120.047

 39, 54.885,
120.047

 89, 54.885,
120.047

 29, 54.885,
120.047

 99, 54.885,
120.047

 19, 54.885,
120.047

 9, 54.885, 120.047

 0, 54.885, 120.047

■ 59, 54.885,
120.047

■ 59, 54.885,
120.047

■ 59, 61.161,
120.014

■ 59, 47.620,
120.321

■ 58, 66.070,
120.326

■ 60, 39.692,
120.742

■ 58, 69.386,
121.059

■ 61, 31.345,
121.243

■ 58, 70.564,
121.380

■ 61, 22.747,
121.783

■ 62, 14.011,
122.331

■ 63, 5.217, 122.872

■ 64, 3.583, 303.363

■ 65, 12.348,
303.858

■ 65, 21.051,
304.313

Harmonies

Complementary

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



59, 54.885, 120.047



31, 63.331, 307.848

Rectangle

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



59, 54.885, 120.047



59, 54.885, 170.047



59, 54.885, 300.047



59, 54.885, 350.047

Sweetspot

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



59, 54.886, 120.049



78, 21.738, 122.087



44, 39.964, 51.733



41, 14.782, 121.946



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



59, 54.886, 120.049



74, 77.189, 120.108



56, 63.003, 135.702



32, 4.965, 122.695



53, 66.108, 121.263



3, 5.392, 123.583

Inverse Universe

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



31, 63.331, 307.848



34, 92.584, 308.743



38, 63.763, 322.335



30, 5.052, 303.666



18, 82.463, 309.053



1, 5.379, 302.959

Previews

White Background



This preview shows how the CIELCh color 59, 54.885, 120.047 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 59, 54.885, 120.047 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 59, 54.885, 120.047

Background



This preview shows how black text looks on a background with the CIELCh color 59, 54.885, 120.047.



This preview shows how white text looks on a background with the CIELCh color 59, 54.885, 120.047.

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](#).

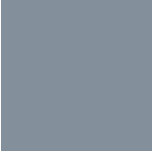
Dichromacy



Original Color
59, 54.885, 120.047

Protanopia
59, 49.898, 95.809

Deuteranopia
59, 46.762, 80.887



Tritanopia
59, 8.015, 257.524

Trichromacy



Original Color
59, 54.885, 120.047

Protanomaly
59, 50.514, 105.372

Deuteranomaly
59, 46.602, 97.338

Tritanomaly
59, 18.263, 134.546

Monochromacy



Original Color
59, 54.885, 120.047

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 21.593, 122.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 54.885, 120.047 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, 153, 52)` looks like.

```
.text, #text, p{  
    color:rgb(119, 153, 52)  
}
```

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, 153, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 153, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 54.885, 120.047 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, 153, 52) }
```

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

```
.border{ border-color:rgb(119, 153, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 153, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 153, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 153, 52);  
box-shadow:4px 4px 4px 4px rgb(119, 153,  
52) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 54.885, 120.047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 153, 52) }
```

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

```
.background{ background-color: rgb(119,  
153, 52) }
```

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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