

Converting Colors

CIELCh(50, 59.559, 119.070)

Have a look what the booklet for
CIELCh(50, 59.559, 119.070)
contains.

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Color

CIELCh(50, 59.486, 119.049)

Conversions

Conversions Part 1

Format	Color
Hex	5E820B
RGB	94, 130, 11
RGB Percent	37%, 51%, 4%
CMY	0.6308, 0.4896, 0.9558
CMYK	0.28, 0.00, 0.91, 0.49
HSL	78°, 84%, 28%
HSV	78°, 91%, 51%
XYZ	12.6971, 18.4187, 3.2109
YIQ	105.6700, 16.7430, -44.6410

Conversions

Conversions Part 2

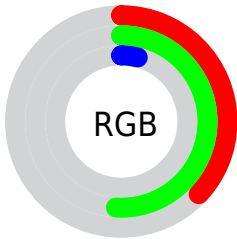
Format	Color
RYB	11, 130, 47
Decimal	6193675
CIELab	50.00, -28.88, 52.00
CIElCh	50, 59.486, 119.049
Yxy	18.4187, 0.3699, 0.5366
Android (android.graphics.Color)	4284383755 (0xFF5E820B)
YUV	105.6700, -46.6723, -10.2346
Hunter-Lab	42.9170, -22.2949, 25.6060

Details

The CIELCh color **50, 59.486, 119.049** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **18, 73.950, 308.393**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 59.574, 118.986**, and **30, 45.877, 125.280** is the 20% darker color. If you saturate the color by 10%, you get **50, 61.948, 119.593**, and if you desaturate by 10%, it is **50, 55.849, 118.616**.

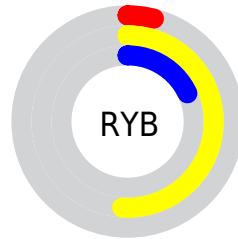
Distribution



Red (37%)

Green (51%)

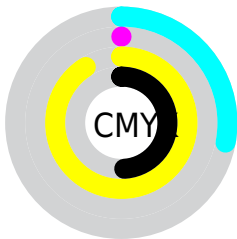
Blue (4%)



Red (4%)

Yellow (51%)

Blue (18%)

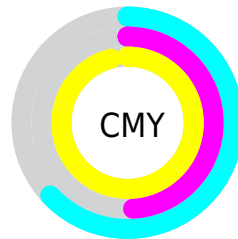


Cyan (28%)

Magenta (0%)

Yellow (91%)

Black (49%)



Cyan (63%)


Magenta (49%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 59.486, 119.049 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 50, 59.486, 119.049 by changing the saturation by 10% instead.


 50, 59.486,
119.049


 50, 59.486,
119.049


 100, 59.486,
119.049


 40, 59.486,
119.049


 70, 59.486,
119.049

 30, 59.486,
119.049


 80, 59.486,
119.049


 20, 59.486,
119.049

 90, 59.486,
119.049

 10, 59.486,
119.049

 0, 59.486, 119.049

 50, 59.486,
119.049

 50, 59.486,
119.049

■ 50, 61.948,
119.593

■ 50, 55.849,
118.616

■ 51, 50.905,
118.551

■ 51, 44.959,
118.755

■ 51, 38.319,
119.136

■ 52, 31.224,
119.623

■ 52, 23.847,
120.166

■ 53, 16.304,
120.729

■ 54, 8.675, 121.294

■ 54, 1.014, 121.872

Harmonies

Complementary

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



50, 59.486, 119.049



18, 73.950, 308.393

Rectangle

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



50, 59.486, 119.049



50, 59.486, 169.049



50, 59.486, 299.049



50, 59.486, 349.049

Sweetspot

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



50, 59.486, 119.051



67, 25.402, 120.374



31, 51.505, 48.350



34, 17.014, 120.218



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



50, 59.486, 119.051



63, 74.894, 119.915



47, 68.336, 134.353



28, 4.383, 121.416



50, 61.911, 119.592



1, 1.053, 121.907

Inverse Universe

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



18, 73.950, 308.393



22, 95.003, 308.426



27, 68.886, 321.159



26, 4.461, 302.421



16, 78.480, 308.637



0, 1.053, 301.906

Previews

White Background



This preview shows how the CIELCh color 50, 59.486, 119.049 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 50, 59.486, 119.049 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 50, 59.486, 119.049

Background



This preview shows how black text looks on a background with the CIELCh color 50, 59.486, 119.049.



This preview shows how white text looks on a background with the CIELCh color 50, 59.486, 119.049.

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

50, 59.486, 119.049

Protanopia

50, 54.870, 95.308

Deuteranopia

50, 50.076, 83.170



Tritanopia
50, 8.005, 246.172

Trichromacy



Original Color
50, 59.486, 119.049

Protanomaly
50, 55.145, 104.512

Deuteranomaly
49, 50.657, 97.974

Tritanomaly
49, 23.378, 131.007

Monochromacy



Original Color
50, 59.486, 119.049

Achromatopsia
45, 0.006, 296.813

Achromatomaly
46, 25.612, 119.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 59.486, 119.049 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(94, 130, 11)` looks like.

```
.text, #text, p{  
    color:rgb(94, 130, 11)  
}
```

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(94, 130, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 130, 11) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 59.486, 119.049 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(94, 130, 11) }
```

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

```
.border{ border-color:rgb(94, 130, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 130, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 130, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 130, 11);  
box-shadow:4px 4px 4px 4px rgb(94, 130,  
11) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 59.486, 119.049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 130, 11) }
```

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

```
.background{ background-color: rgb(94, 130,  
11) }
```

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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