

Converting Colors

CIELCh(58, 55.167, 119.472)

Have a look what the booklet for
CIELCh(58, 55.167, 119.472)
contains.

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Color

CIELCh(58, 55.168, 119.467)

Conversions

Conversions Part 1

Format	Color
Hex	759630
RGB	117, 150, 48
RGB Percent	46%, 59%, 19%
CMY	0.5397, 0.4102, 0.8103
CMYK	0.22, 0.00, 0.68, 0.41
HSL	79°, 51%, 39%
HSV	79°, 68%, 59%
XYZ	18.8975, 25.9610, 6.8528
YIQ	128.5050, 13.0740, -38.7180

Conversions

Conversions Part 2

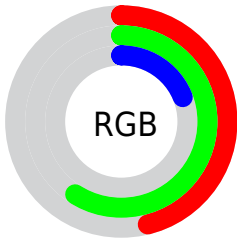
Format	Color
RYB	48, 150, 81
Decimal	7706160
CIELab	58.00, -27.14, 48.03
CIElCh	58, 55.168, 119.467
Yxy	25.9610, 0.3654, 0.5020
Android (android.graphics.Color)	4285896240 (0xFF759630)
YUV	128.5050, -39.6890, -10.0899
Hunter-Lab	50.9519, -22.9620, 27.6921

Details

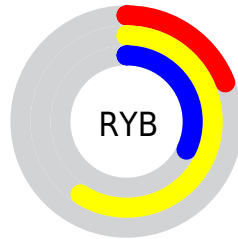
The CIELCh color **58, 55.168, 119.467** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **30, 64.191, 307.653**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 54.840, 119.274**, and **38, 51.450, 121.002** is the 20% darker color. If you saturate the color by 10%, you get **58, 61.105, 119.476**, and if you desaturate by 10%, it is **58, 48.191, 119.715**.

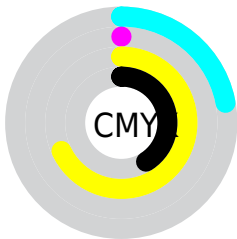
Distribution



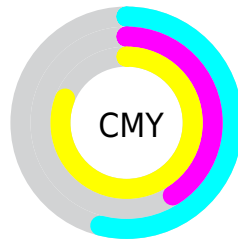
- Red (46%)
- Green (59%)
- Blue (19%)



- Red (19%)
- Yellow (59%)
- Blue (32%)



- Cyan (22%)
- Magenta (0%)
- Yellow (68%)
- Black (41%)





- Cyan (54%)
- Magenta (41%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 55.168, 119.467 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 58, 55.168, 119.467 by changing the saturation by 10% instead.


 58, 55.168,
119.467


 58, 55.168,
119.467


 100, 55.168,
119.467

 48, 55.168,
119.467


 78, 55.168,
119.467

 38, 55.168,
119.467

 88, 55.168,
119.467

 28, 55.168,
119.467

 98, 55.168,
119.467

 18, 55.168,
119.467

 8, 55.168, 119.467

 0, 55.168, 119.467

■ 58, 55.168,
119.467

■ 58, 55.168,
119.467

■ 58, 61.105,
119.476

■ 58, 48.191,
119.715

■ 57, 65.634,
119.845

■ 59, 40.507,
120.122

■ 57, 68.697,
120.595

■ 60, 32.373,
120.621

■ 57, 69.324,
120.756

■ 60, 23.963,
121.165

■ 61, 15.400,
121.721

■ 62, 6.764, 122.273

■ 62, 1.888, 302.771

■ 63, 10.515,
303.292

■ 64, 19.088,
303.765

Harmonies

Complementary

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



58, 55.168, 119.467



30, 64.191, 307.653

Rectangle

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



58, 55.168, 119.467



58, 55.168, 169.467



58, 55.168, 299.467



58, 55.168, 349.467

Sweetspot

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



58, 55.169, 119.469



77, 21.461, 121.577



42, 40.961, 50.231



41, 14.747, 121.433



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



58, 55.169, 119.469



73, 77.326, 119.603



55, 63.237, 135.240



31, 4.817, 122.199



52, 64.960, 120.639



2, 4.225, 122.682

Inverse Universe

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



30, 64.191, 307.653



33, 93.663, 308.558



36, 64.183, 321.839



29, 4.901, 303.187



17, 81.550, 308.876



0, 4.226, 302.681

Previews

White Background



This preview shows how the CIELCh color 58, 55.168, 119.467 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 58, 55.168, 119.467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

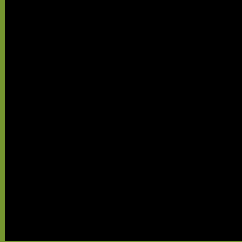
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 55.168, 119.467

Background



This preview shows how black text looks on a background with the CIELCh color 58, 55.168, 119.467.



This preview shows how white text looks on a background with the CIELCh color 58, 55.168, 119.467.

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

58, 55.168, 119.467

Protanopia

58, 50.400, 95.167

Deuteranopia

58, 46.877, 80.719



Tritanopia
58, 7.575, 255.041

Trichromacy



Original Color
58, 55.168, 119.467

Protanomaly
58, 50.917, 104.719

Deuteranomaly
58, 46.722, 96.651

Tritanomaly
58, 18.663, 132.694

Monochromacy



Original Color
58, 55.168, 119.467

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 21.564, 121.254

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 55.168, 119.467 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, 150, 48)` looks like.

```
.text, #text, p{  
    color:rgb(117, 150, 48)  
}
```

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, 150, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 150, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 55.168, 119.467 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, 150, 48) }
```

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

```
.border{ border-color:rgb(117, 150, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 150, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 150, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 150, 48);  
box-shadow:4px 4px 4px 4px rgb(117, 150,  
48) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 55.168, 119.467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 150, 48) }
```

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

```
.background{ background-color: rgb(117,  
150, 48) }
```

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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