

Converting Colors

CIELCh(59, 46.121, 147.924)

Have a look what the booklet for
CIELCh(59, 46.121, 147.924)
contains.

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Color

CIELCh(59, 46.496, 147.696)

Conversions

Conversions Part 1

Format	Color
Hex	4C9F61
RGB	76, 159, 97
RGB Percent	30%, 62%, 38%
CMY	0.7036, 0.3781, 0.6211
CMYK	0.52, 0.00, 0.39, 0.38
HSL	135°, 35%, 46%
HSV	135°, 52%, 62%
XYZ	17.4130, 27.0277, 15.5149
YIQ	127.1150, -29.5660, -36.8780

Conversions

Conversions Part 2

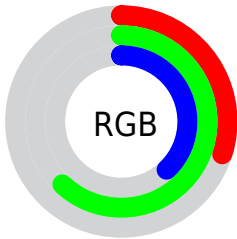
Format	Color
R_{YB}	76, 142, 159
Decimal	5021537
CIE _{Lab}	59.00, -39.30, 24.85
CIE _{LCh}	59, 46.496, 147.696
Yxy	27.0277, 0.2904, 0.4508
Android (android.graphics.Color)	4283211617 (0xFF4C9F61)
YUV	127.1150, -14.8467, -44.8279
Hunter-Lab	51.9882, -31.1922, 18.6977

Details

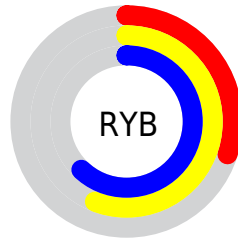
The CIELCh color $59, 46.496, 147.696$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $45, 46.557, 336.199$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 46.286, 147.517$, and $39, 46.906, 147.452$ is the 20% darker color. If you saturate the color by 10%, you get $58, 54.351, 146.324$, and if you desaturate by 10%, it is $60, 38.082, 148.901$.

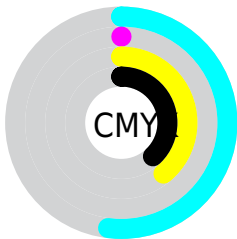
Distribution



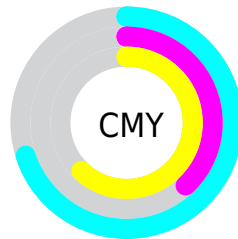
- Red (30%)
- Green (62%)
- Blue (38%)



- Red (30%)
- Yellow (56%)
- Blue (62%)



- Cyan (52%)
- Magenta (0%)
- Yellow (39%)
- Black (38%)



- Cyan (70%)
- Magenta (38%)
- Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 46.496, 147.696 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, 46.496, 147.696 by changing the saturation by 10% instead.

 59, 46.496,
147.696

 59, 46.496,
147.696

 100, 46.496,
147.696

 49, 46.496,
147.696

 79, 46.496,
147.696

 39, 46.496,
147.696

 89, 46.496,
147.696

 29, 46.496,
147.696

 99, 46.496,
147.696

 19, 46.496,
147.696

 9, 46.496, 147.696

 0, 46.496, 147.696

■ 59, 46.496,
147.696

■ 59, 46.496,
147.696

■ 58, 54.351,
146.324

■ 60, 38.082,
148.901

■ 58, 61.469,
144.785

■ 61, 29.283,
149.950

■ 57, 67.693,
143.102

■ 62, 20.263,
150.862

■ 57, 72.901,
141.329

■ 63, 11.165,
151.661

■ 57, 76.257,
140.058

■ 65, 2.102, 152.453

■ 67, 6.839, 332.883

■ 68, 15.594,
333.434

■ 70, 24.122,
333.907

■ 72, 32.397,
334.327

Harmonies

Complementary

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



59, 46.496, 147.696



45, 46.557, 336.199

Rectangle

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



59, 46.496, 147.696



59, 46.496, 197.696



59, 46.496, 327.696



59, 46.496, 17.696

Sweetspot

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



59, 46.497, 147.696



80, 17.975, 151.356



62, 45.345, 116.798



42, 12.239, 151.203



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



59, 46.497, 147.696



74, 67.823, 146.049



60, 30.635, 174.096



33, 5.093, 151.892



52, 70.331, 140.236



3, 6.708, 151.986

Inverse Universe

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



45, 46.557, 336.199



53, 66.988, 337.232



43, 36.921, 6.698



31, 5.114, 333.028



32, 62.056, 341.248



1, 6.480, 333.825

Previews

White Background



This preview shows how the CIE LCh color 59, 46.496, 147.696 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 CIE LCh color 59, 46.496, 147.696 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, 46.496, 147.696

Background



This preview shows how black text looks on a background with the CIELCh color 59, 46.496, 147.696.



This preview shows how white text looks on a background with the CIELCh color 59, 46.496, 147.696.

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, 46.496, 147.696

Protanopia
59, 29.077, 95.399

Deuteranopia
59, 23.580, 71.431



Tritanopia
59, 20.166, 217.692

Trichromacy



Original Color
59, 46.496, 147.696

Protanomaly
58, 31.949, 123.656

Deuteranomaly
58, 24.971, 117.101

Tritanomaly
59, 25.346, 177.401

Monochromacy



Original Color
59, 46.496, 147.696

Achromatopsia
53, 0.007, 296.813

Achromatomaly
55, 17.424, 151.423

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 46.496, 147.696 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(76, 159, 97)` looks like.

```
.text, #text, p{  
    color:rgb(76, 159, 97)  
}
```

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(76, 159, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 159, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 46.496, 147.696 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(76, 159, 97) }
```

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

```
.border{ border-color:rgb(76, 159, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 159, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 159, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 159, 97);  
box-shadow:4px 4px 4px 4px rgb(76, 159,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 46.496, 147.696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 159, 97) }
```

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

```
.background{ background-color: rgb(76, 159,  
97) }
```

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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