

Converting Colors

CIELCh(59, 44.508, 148.132)

Have a look what the booklet for
CIELCh(59, 44.508, 148.132)
contains.

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Color

CIELCh(59, 44.447, 147.983)

Conversions

Conversions Part 1

Format	Color
Hex	4F9E63
RGB	79, 158, 99
RGB Percent	31%, 62%, 39%
CMY	0.6901, 0.3803, 0.6117
CMYK	0.50, 0.00, 0.37, 0.38
HSL	135°, 33%, 46%
HSV	135°, 50%, 62%
XYZ	17.7115, 27.0277, 16.0939
YIQ	127.6530, -28.1450, -35.0970

Conversions

Conversions Part 2

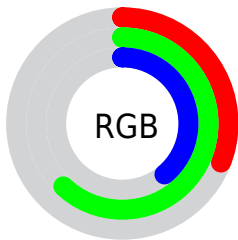
Format	Color
RYB	79, 142, 158
Decimal	5217891
CIELab	59.00, -37.69, 23.56
CIELCh	59, 44.447, 147.983
Yxy	27.0277, 0.2911, 0.4443
Android (android.graphics.Color)	4283407971 (0xFF4F9E63)
YUV	127.6530, -14.1259, -42.6687
Hunter-Lab	51.9882, -30.1674, 18.0375

Details

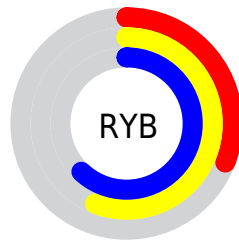
The CIELCh color $59, 44.447, 147.983$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $45, 44.575, 335.989$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 44.440, 147.908$, and $39, 44.735, 147.701$ is the 20% darker color. If you saturate the color by 10%, you get $58, 52.430, 146.652$, and if you desaturate by 10%, it is $60, 35.948, 149.149$.

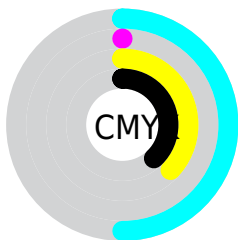
Distribution



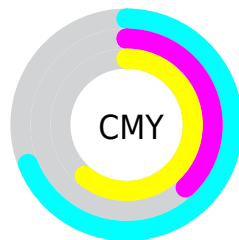
- Red (31%)
- Green (62%)
- Blue (39%)



- Red (31%)
- Yellow (56%)
- Blue (62%)



- Cyan (50%)
- Magenta (0%)
- Yellow (37%)
- Black (38%)



- Cyan (69%)
- Magenta (38%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 44.447, 147.983 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, 44.447, 147.983 by changing the saturation by 10% instead.


 59, 44.447,
147.983

 59, 44.447,
147.983

 100, 44.447,
147.983

 49, 44.447,
147.983

 79, 44.447,
147.983

 39, 44.447,
147.983

 89, 44.447,
147.983

 29, 44.447,
147.983

 99, 44.447,
147.983

 19, 44.447,
147.983

 9, 44.447, 147.983

 0, 44.447, 147.983

■ 59, 44.447,
147.983

■ 59, 44.447,
147.983

■ 58, 52.430,
146.652

■ 60, 35.948,
149.149

■ 58, 59.719,
145.152

■ 61, 27.106,
150.164

■ 57, 66.150,
143.501

■ 62, 18.079,
151.046

■ 57, 71.593,
141.743

■ 64, 9.003, 151.824

■ 57, 76.065,
140.055

■ 65, 0.015, 314.032

■ 57, 76.069,
140.054

■ 67, 8.893, 333.008

■ 69, 17.575,
333.536

■ 70, 26.024,
333.996

■ 72, 34.216,
334.405

Harmonies

Complementary

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



59, 44.447, 147.983



45, 44.575, 335.989

Rectangle

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



59, 44.447, 147.983



59, 44.447, 197.983



59, 44.447, 327.983



59, 44.447, 17.983

Sweetspot

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



59, 44.448, 147.983



80, 16.851, 151.422



62, 43.348, 116.914



42, 11.595, 151.266



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, 44.448, 147.983



74, 65.055, 146.483



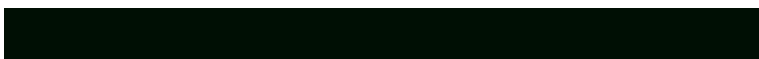
60, 29.408, 174.394



33, 5.095, 151.879



52, 70.348, 140.227



3, 6.710, 151.973

Inverse Universe

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



45, 44.575, 335.989



54, 64.543, 336.939



44, 35.143, 6.193



31, 5.115, 333.014



32, 62.072, 341.224



1, 6.481, 333.810

Previews

White Background



This preview shows how the CIELCh color 59, 44.447, 147.983 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, 44.447, 147.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

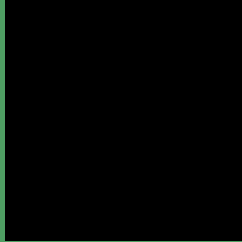
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 44.447, 147.983

Background



This preview shows how black text looks on a background with the CIELCh color 59, 44.447, 147.983.



This preview shows how white text looks on a background with the CIELCh color 59, 44.447, 147.983.

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, 44.447, 147.983

Protanopia
59, 27.915, 96.018

Deuteranopia
59, 22.648, 69.979



Tritanopia
59, 19.406, 218.583

Trichromacy



Original Color
59, 44.447, 147.983



Protanomaly
58, 30.274, 123.903



Deuteranomaly
58, 23.229, 115.883



Tritanomaly
59, 24.022, 177.810

Monochromacy



Original Color
59, 44.447, 147.983



Achromatopsia
54, 0.007, 296.813



Achromatomaly
55, 17.140, 150.566

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 44.447, 147.983 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(79, 158, 99)` looks like.

```
.text, #text, p{  
    color:rgb(79, 158, 99)  
}
```

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(79, 158, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 158, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 44.447, 147.983 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(79, 158, 99) }
```

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

```
.border{ border-color:rgb(79, 158, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 158, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 158, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 158, 99);  
box-shadow:4px 4px 4px 4px rgb(79, 158,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 44.447, 147.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 158, 99) }
```

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

```
.background{ background-color: rgb(79, 158,  
99) }
```

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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